

**TM 9-1430-250-24P-22-2**

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**TECHNICAL MANUAL**

**ORGANIZATIONAL, DIRECT SUPPORT AND  
GENERAL SUPPORT MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS LIST  
(INCLUDING DEPOT MAINTENANCE REPAIR  
PARTS AND SPECIAL TOOLS)**

**ILLUSTRATION SUPPLEMENT**

**FOR**

**ANTENNA-RECEIVER-TRANSMITTER  
GROUP, MISSILE TRACKING  
TRAILER MOUNTED OA-1340/MPA  
1430-00-586-4996**

**(IMPROVED NIKE-HERCULES AIR DEFENSE  
GUIDED MISSILE SYSTEM)**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

**JULY 1978**



TECHNICAL MANUAL

TM 9-1430-250-24P-22-2

HEADQUARTERS,  
DEPARTMENT OF THE ARMY  
Washington, D. C., 6 July 1978

Organizational, Direct Support And General Support  
Maintenance Repair Parts And Special Tools List  
(Including Depot Maintenance Repair Parts And Special Tools)

Illustration Supplement

FOR

ANTENNA-RECEIVER-TRANSMITTER GROUP,  
MISSILE TRACKING TRAILER MOUNTED OA-1340/MPA

1430-00-586-4996

(IMPROVED NIKE-HERCULES AIR DEFENSE GUIDED MISSILE SYSTEM)

Current as of 6 July 1978

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\*This manual superseded TM 9-1430-250-14P-22-2, 30 August 1975.

## Section I; INTRODUCTION

### 1. Scope.

This manual depicts illustrations that will aid in the identification of authorized spares and repair parts; special tools; special test measurement and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational, direct support and general support maintenance of the Antenna-Receiver-Transmitter Group, Missile Tracking Trailer Mounted OA-1340/MPA.

### 2. General.

This Repair Parts and Special Tools List Illustration Supplement is divided into the following sections:

a. *Section II. Illustrations, Assembly Parts Breakdown.* This section is divided as follows:

(1) *Assembly Parts Breakdown List.* This list is furnished to aid in locating components, assemblies, and subassemblies and indicates by indenture the generation breakdown level of the item.

(2) *Cross-Reference Numerical List.* This list is furnished as an aid in locating items by part number that appear on the assembly parts breakdown list.

b. *Section III. Illustrations.* A series of exploded views of assemblies and subassemblies arranged in figure number sequence. All exploded parts are identified with callout numbers placed in clockwise sequence. The first illustration will depict the end item followed by an exploded view illustration or series of illustrations of the major assembly prior to the breakdown of its subassemblies. The subassemblies are then illustrated in the order that they appeared and were indexed on the major assembly.

c. *Section IV. Numerical Index.* A list, in alphameric sequence, of all part numbers appearing in the illustration legends. Part numbers are cross-referenced to each illustration figure and item number appearance. This index is furnished as an aid in locating items in this supplement, and authorized items in the Repair Parts and Special Tools List.

### 3. Special Information.

a. *Repair Parts and Special Tools List.* The listing of authorized repair parts for the equipment contained in this illustration supplement are located in TM 9-1430-250-24P-22-1, Repair Parts and Special Tools List. Items that appear on the illustrations, but which are not listed in the Repair Parts and Special Tools List, are not authorized repair parts. In such cases, or where differences exist between information found in this Supplement and the Repair Parts and Special Tools List, the information found in the Repair Parts and Special Tools List manual will prevail for requisitioning purposes.

b. *Quantity Per Illustrated Application.* The quantity per illustrated application will be shown in the legend to the right of the reference number. The asterisk (\*) shown on the illustration legend denotes "as required."



c. *Wiring Harnesses.* Wiring harnesses that require a separate illustration(s) for component identification, or cable assemblies and test leads composed of common type components, have been assigned a control number and the component parts are identified at the end of Section III. The assembled items are identified at their first appearance and refer to an illustration for details. The referenced illustration depicts all components of the wiring harnesses, cable assemblies, or test leads. Following the referenced illustration is an application page(s) listing the components and quantities per each wiring harness, cable assembly, or test lead.

#### 4. How to Locate Repair Parts.

a. When National stock number or part number is unknown:

(1) *First.* Using the table of contents, find the Illustrations, Assembly Parts Breakdown.

(2) *Second.* Using the Illustrations, Assembly Parts Breakdown, determine the assembly within which the repair part belongs.

(3) *Third.* Find the illustration covering the assembly to which the repair part belongs.

(4) *Fourth.* Identify the repair part on the illustration and note the part number of the repair part.

(5) *Fifth.* Refer to paragraph 3.a, above to determine the applicable TM where authorized repair parts are depicted. This is necessary since compatible repair parts and special tools for this supplement are shown in a separate Repair Parts and Special Tools List manual.

(6) *Sixth.* Using the Index of National Stock Numbers and Part Numbers of the Repair Parts and Special Tools List, find the pertinent part number of item noted on the illustration. This index is in National item identification number (NIIN) sequence followed by a list of part numbers in alphameric sequence, cross-referenced to the index numbers shown in the illustration figure and item number column.

(7) *Seventh.* After finding the index number in the figure and item number column of the part number index of the Repair Parts and Special Tools List, locate the index number in the repair parts list.

b. When National stock number or part number is known:

(1) *First.* Refer to paragraph 3.a, above to determine the applicable TM where authorized repair parts are depicted. This is necessary since compatible repair parts and special tools for this supplement are shown in a separate Repair Parts and Special Tools List manual.

(2) *Second.* Using the Index of National Stock Numbers and part Numbers of the Repair Parts and Special Tools List, find the pertinent National stock number or part number. This index is in NIIN sequence followed by a list of part numbers in alphameric sequence, cross-referenced to the index numbers shown in the illustration figure and item number column.

(3) *Third.* After finding the index number in the figure and item number column of the NSN or part Number Index of the Repair Parts and Special Tools List, locate the index number in the repair parts list.

## SECTION II.

## ILLUSTRATIONS, ASSEMBLY PARTS BREAKDOWN

## 1. Assembly Parts Breakdown List

Note: The use of dots indicates generation breakdown.

Illustration Title	Figure No.	Illustration Title	Figure No.
ANTENNA-RECEIVER- TRANSMITTER GROUP, MISSILE TRACKING, TRAILER MOUNTED OA- 1340/MPA /8511725/-----	1	... TRANSMITTER, POSITION, GUIDED MISSILE /9007947/---	31
..ANTENNA-RECEIVER- TRANSMITTER GROUP, MISSILE TRACKING OA- 1485/MPA /8016525/-----	2	....TRANSMITTER, COURSE DATA SUBASSEMBLY /9006523/-----	39
..SUPPORT /8016541/-----	3	.....BRUSH ASSEMBLY /8173820/-----	45
..ANTENNA-RECEIVER- TRANSMITTER, MISSILE TRACKING OA- 1486/MPA /8512757/---	4	.....CARRIAGE ASSEMBLY /9015527/-----	46
...FIXTURE, TROUBLE LIGHT, ANTENNA /9006782/-----	7	.....BASE /9015657/-----	47
...FRAME-FILTER /8171042/-----	8	....BEARING ASSEMBLY /8171778/-----	48
....FRAME, FILTER /9000044/-----	9	....ACTUATOR ASSEMBLY /8520111/-----	49
...CONTROL, ANTENNA C- 1495/M /8012250/-----	10	....DIAL /8171842/ AND DIAL, SCALE ASSEMBLY /8171843/-	50
...AMPLIFIER, TRIGGER PULSE /10184764 AND 10668152/-----	12	....WINDOW-PANEL ASSEMBLY /9008043/-	51
....ELECTRONIC COMPONENTS ASSEMBLY /10666990/	20	...TRANSMITTER, POSITION, GUIDED MISSILE /9007946/---	52
....AMPLIFIER, ELECTRONIC CONTROL /HIGH POWER/ /10668151/-----	21	....WINDOW, OBSERVATION /8008641/-----	59
.....CAPACITOR ASSEMBLY /8172464/-----	24	...RING ASSEMBLY, ELECTRICAL CONTACT /9009416/-----	60
.....TERMINAL BOARD /9995925/-----	25	....CONNECTOR ASSEMBLY, ELECTRICAL /8171940/-----	66
...POWER SUPPLY SUBASSEMBLY /8520524/-----	26	...RING ASSEMBLY, ELECTRICAL CONTACT /8171910/-----	67
		...RECEIVER-TRANSMITTER, RADAR /MISSILE TRACKING / /9160053/-	73
		....AIR DUCT /10668224/-	77
		....FAN /8172479/-----	78
		....MOUNT, DRIVE TUNING /MAGNETRON/ /9155168/-----	79
		....VOLTAGE DIVIDER /9155138/-----	80

<i>Illustration Title</i>	<i>Figure No.</i>	<i>Illustration Title</i>	<i>Figure No.</i>
.....MODULATOR /8172445/-	81	.....COVER, AMPLIFIER	
.....SWITCH, INTERLOCK		/8021224/-	127
/9136180/-	88	.....AMPLIFIER,	
.....CHASSIS /9008013/-	90	INTERMEDIATE	
.....CAPACITOR		FREQUENCY AM-	
ASSEMBLY		1108/M /8171169/-	128
/9986205/-	91	.....AMPLIFIER,	
.....CONNECTOR ASSEMBLY		INTERMEDIATE	
/8513395/-	92	FREQUENCY AM-	
.....CAPACITOR ASSEMBLY		1106/M /8171400/-	130
/9138173/-	93	.....ATTENUATOR,	
.....COMPRESSOR,		VARIABLE	
RECIPROCATING		/8005943/-	134
/9138649/-	94	.....ELECTROMAGNETIC	
.....GEAR ASSEMBLY,		ACTUATOR	
COMPRESSOR		/8515081/-	135
/9986983/-	95	.....PLATE /9015692/-	136
.....CONTROL-POWER		.....CAPACITOR-TERMINAL	
SUPPLY GROUP		BOARD ASSEMBLY	
/10664268/-	96	/8520474/-	137
.....CONTROL, RECEIVER		.....COUPLER, ELECTRON	
C-14968/M		TUBE /8172417/-	138
/8607339/-	100	.....CAPACITOR ASSEMBLY	
.....MONITOR, RADIO		/9007945/-	139
FREQUENCY ID-		.....DUPLER /9159973/-	140
433/M /8150104/-	103	.....HOLDER,	
.....SWITCH AND		SEMICONDUCTOR	
RESISTOR		DEVICE /9991631/-	145
/8011650/-	108	.....ATTENUATOR,	
.....CONTROL, POWER		VARIABLE	
SUPPLY /9159969/-	109	/9991587/-	146
.....NETWORK, RECTIFIER		.....SUPPORT,	
/8511084/-	112	WAVEGUIDE	
.....CONTROL, INDICATOR		/9016679/-	147
/10668227/-	113	.....WAVEGUIDE	
.....CONVERTER,		ASSEMBLY	
WAVEFORM		/9141731/-	148
/9143120/-	116	.....COVER, PLATE	
.....RECEIVER-		ACCESS	
TRANSMITTER-RADAR		SUBASSEMBLY	
SUBASSEMBLY		/9006419/-	149
/8172416/-	118	.....COVER, PLATE	
.....CONVERTER,		ACCESS	
FREQUENCY		SUBASSEMBLY	
/9991896/-	120	/9006420/-	150
.....FILTER ASSEMBLY		.....MOUNT, THERMISTOR	
/9142953/-	125	/8010866/-	151
.....FILTER ASSEMBLY		.....WAVEGUIDE	
/9142934 AND		ASSEMBLY	
9142936/-	126	/9141735/-	152



Illustration Title	Figure No.	Illustration Title	Figure No.
..... WAVEGUIDE ASSEMBLY /9141832/-----	153	.... PLATFORM, ANTENNA SUPPORT BASE /9136464/-----	220
..... SUPPORT, DUPLEXER /8515127/-----	156	.... PLATFORM, ANTENNA SUPPORT GROUP /9136461 AND 9136462/-----	221
..... DRIVE, TUNING. MAGNETRON /10185496/-----	157	.... EQUIPMENT ENCLOSURE, AZIMUTH DRIVE /9136465/-----	222
..... CLUTCH ASSEMBLY /10185498/-----	160	..... LEG, JACK /8512741/	242
.... BASE, ANTENNA /9136028/-----	161	..... COVER /8000577/---	243
.... MOUNTING ASSEMBLY, TELESCOPE /8015860/	162	..... HOUSING, BLOWER /8000823/-----	244
..... PEDESTAL, ANTENNA /8171625/-----	165	..... BLOWER, VANEAXIAL /8000921/-----	245
..... FRAME, RADOME /9005564/-----	181	..... GEARCASE-MOTOR /8171679/-----	246
..... FASTENER, FLAP /8517918 AND 8517911/-----	185	..... GEAR-BEARING ASSEMBLY /10668120/-----	248
..... ROLLER /8171783/---	186	..... DOOR /8018622/-----	249
..... STOP /8515248/---	187	..... PANEL, TEST, ELECTRICAL /9005359 AND 9143889/-----	251
..... BRACKET /8171053 AND 8171659/-----	188	..... DOOR, PLASTIC FOLDING /8518692/-	252
..... FAN, VANEAXIAL /8517073/-----	189	..... FRAME /8174372/---	253
..... COVER /8173504/---	190	..... FRAME /8512744, 8512745, 8512746, AND 8172930/-----	254
..... FAN, VANEAXIAL /9516219/-----	191	..... RETAINER, STAY /9003104 AND 9003106/-----	255
..... HOUSING /8171020/---	192	..... CONNECTOR, RECEPTACLE, ELECTRICAL /8016481/-----	256
..... DRIVE /8170973/---	199	..... CONNECTOR, RECEPTACLE, ELECTRICAL /7632526/-----	257
..... COVER /8172240/---	202	..... DOOR /8018662/-----	258
..... PEDESTAL /8171633/-	203	..... CONNECTOR, RECEPTACLE, ELECTRICAL /7632065/-----	260
..... LEVEL, PRECISION, MASTER /8171987/--	205		
..... LEVEL, PRECISION, MASTER /8172014/-	210		
..... LEVEL, PRECISION, MASTER SUBASSEMBLY /8172012/-----	213		
..... PRISM ASSEMBLY /8172118/-----	217		
..... SHOCK ABSORBER /9136192/-----	218		
.... PLATFORM, ANTENNA SUPPORT BASE /9136463/-----	219		

Illustration Title		Figure No.	Illustration Title		Figure No.
.....CONNECTOR, RECEPTACLE, ELECTRICAL /7632529/-----		261	10664268 CONTROL- POWER SUPPLY GROUP		96
.....CONNECTOR, RECEPTACLE, ELECTRICAL /7632064/-----		262	10665843 COVER, REFLECTOR ASSEMBLY		274
.....CONNECTOR, RECEPTACLE, ELECTRICAL /8016486/-----		263	10666990 ELECTRONIC COMPONENTS ASSEMBLY		20
.....DOOR /8018666/-----		264	10668120 GEAR-BEARING ASSEMBLY		248
.....CONNECTOR, RECEPTACLE, ELECTRICAL /7606490/-----		266	10668151 AMPLIFIER, ELECTRONIC CONTROL /HIGH POWER/ AMPLIFIER, TRIGGER PULSE		21 12
.....DOOR AND FRAME ASSEMBLY /8517037/		267	10668224 AIR DUCT		77
.....LIMITER, ELEVATION SERVO /9007893/---		268	10668227 CONTROL, INDICATOR		113
.....LEAF, HINGE /9003119 AND 9003122/-----		269	7579939 TELESCOPE ELBOW		272
.....COVER /8013219/----		270	7606490 CONNECTOR, RECEPTACLE, ELECTRICAL		266
.....TELESCOPE ASSEMBLY /8511779/-----		271	7632064 CONNECTOR, RECEPTACLE, ELECTRICAL		262
.....TELESCOPE ELBOW /7579939/-----		272	7632065 CONNECTOR, RECEPTACLE, ELECTRICAL		260
...REFLECTOR ASSEMBLY, ANTENNA /8158879/---		273	7632526 CONNECTOR, RECEPTACLE, ELECTRICAL		257
....COVER, REFLECTOR ASSEMBLY /10665843/		274	7632529 CONNECTOR, RECEPTACLE, ELECTRICAL		261
..HOIST ASSEMBLY, ANTENNA /8173930/----		275	8000577 COVER		243
..CASE ASSEMBLY /8511283/-----		277	8000823 HOUSING, BLOWER		244
..WIRING HARNESSES-----		278	8000921 BLOWER, VANEAXIAL		245
<b>2. Cross-Reference Numerical List</b>			8005943 ATTENUATOR, VARIABLE		134
Reference No.	Assembly	Figure No.	8008641 WINDOW, OBSERVATION		59
10184764	AMPLIFIER, TRIGGER PULSE	12	8010866 MOUNT, THERMISTOR		151
10185496	DRIVE, TUNING, MAGNETRON	157			
10185498	CLUTCH ASSEMBLY	160			

Reference No	Assembly	Figure No	Reference No	Assembly	Figure No
8011650	SWITCH AND RESISTOR	108	8171659	BRACKET	188
8012250	CONTROL, ANTENNA C- 1495/M	10	8171679	GEARCASE- MOTOR	246
8013219	COVER	270	8171778	BEARING ASSEMBLY	48
8015860	MOUNTING ASSEMBLY, TELESCOPE	162	8171783	ROLLER	186
8016481	CONNECTOR, RECEPTACLE, ELECTRICAL	256	8171842	DIAL	50
8016486	CONNECTOR, RECEPTACLE, ELECTRICAL	263	8171843	DIAL, SCALE ASSEMBLY	50
8016525	ANTENNA- RECEIVER- TRANSMITTER GROUP, MISSILE TRACKING OA- 1485/MPA	2	8171910	RING ASSEMBLY, ELECTRICAL CONTACT	67
8016541	SUPPORT	3	8171940	CONNECTOR ASSEMBLY, ELECTRICAL	66
8018622	DOOR	249	8171987	LEVEL, PRECISION, MASTER	205
8018662	DOOR	258	8172012	LEVEL, PRECISION, MASTER	213
8018666	DOOR	264	8172014	LEVEL, PRECISION, MASTER	210
8021224	COVER, AMPLIFIER	127	8172118	PRISM ASSEMBLY	217
8150104	MONITOR, RADIO FREQUENCY TD-433/M	103	8172240	COVER	202
8158879	REFLECTOR ASSEMBLY, ANTENNA	273	8172416	RECEIVER- TRANSMITTER- RADAR SUBASSEMBLY	118
8170973	DRIVE	109	8172417	COUPLER, ELECTRON TUBE	138
8171020	HOUSING	192	8172445	MODULATOR	81
8171042	FRAME-FILTER	8	8172464	CAPACITOR ASSEMBLY	24
8171053	BRACKET	188	8172479	FAN	78
8171169	AMPLIFIER, INTERMEDIATE FREQUENCY AM-1108/M	128	8172930	FRAME	254
8171400	AMPLIFIER, INTERMEDIATE FREQUENCY AM-1106/M	130	8173504	COVER	190
8171625	PEDESTAL, ANTENNA	165	8173820	BRUSH ASSEMBLY	45
8171633	PEDESTAL	203	8173930	HOIST ASSEMBLY, ANTENNA	275
			8174372	FRAME	253
			8511084	NETWORK, RECTIFIER	112

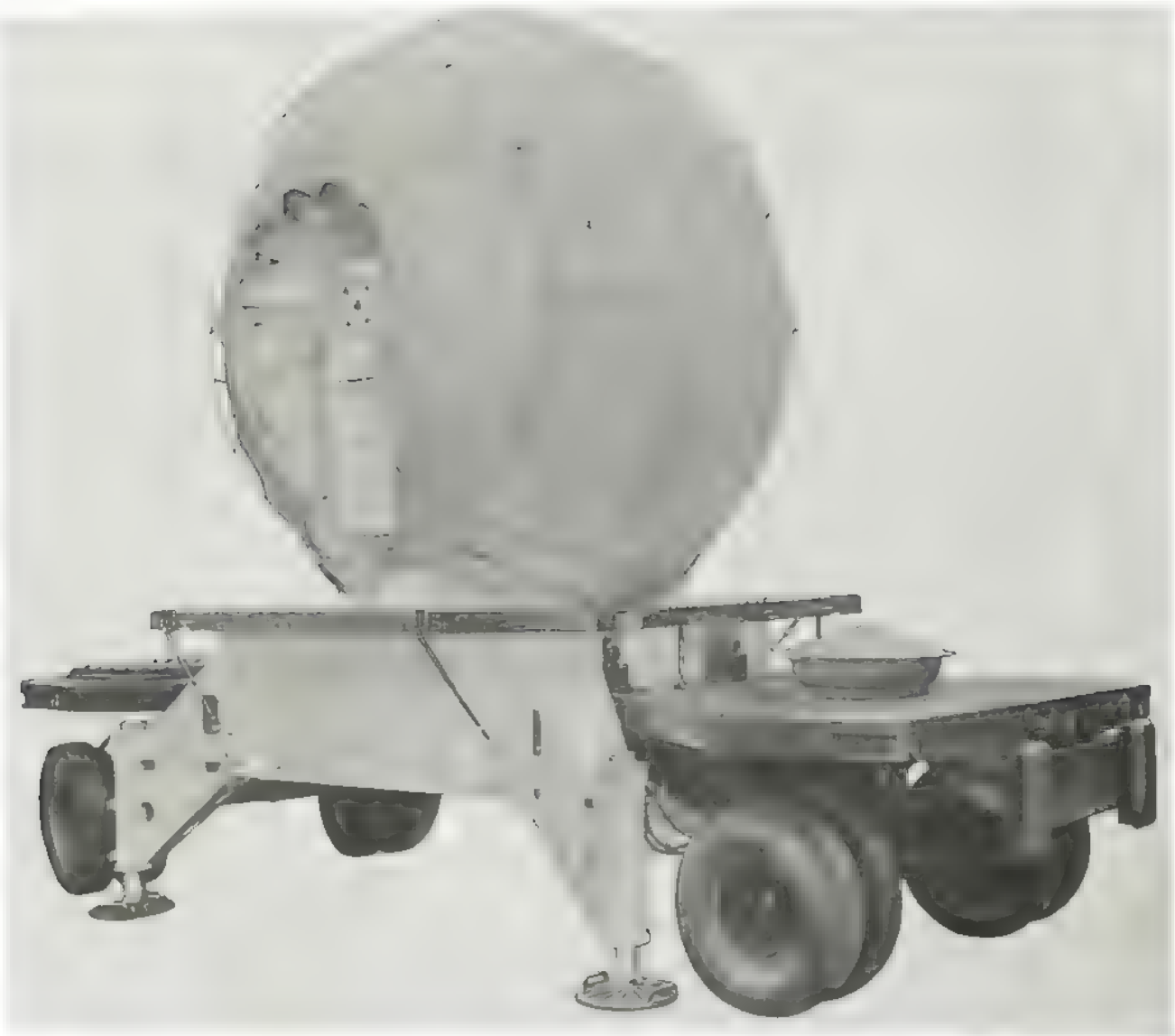
Reference No.	Assembly	Figure No.	Reference No.	Assembly	Figure No.
8511283	CASE ASSEMBLY	277	8520524	POWER SUPPLY	
8511725	ANTENNA-			SUBASSEMBLY	26
	RECEIVER-		8607339	CONTROL,	
	TRANSMITTER			RECEIVER C-	
	GROUP,			14968/M	100
	MISSILE		9000044	FRAME	9
	TRACKING,		9003104	RETAINER,	
	TRAILER			STAY	255
	MOUNTED OA-		9003106	RETAINER,	
	1340/MPA	1		STAY	255
8511779	TELESCOPE		9003119	LEAF, HINGE	269
	ASSEMBLY	271	9003122	LEAF, HINGE	269
8512741	LEG, JACK	242	9005359	PANEL, TEST,	
8512744	FRAME	254		ELECTRICAL	251
8512745	FRAME	254	9005564	FRAME, RADOME	181
8512746	FRAME	254	9006419	COVER, PLATE	
8512757	ANTENNA-			ACCESS	
	RECEIVER-			SUBASSEMBLY	149
	TRANSMITTER,		9006420	COVER, PLATE	
	MISSILE			ACCESS	
	TRACKING OA-			SUBASSEMBLY	150
	1486/MPA	4	9006523	TRANSMITTER,	
8513395	CONNECTOR			COURSE DATA	
	ASSEMBLY	92		SUBASSEMBLY	39
8515081	ELECTRO-		9006782	FIXTURE,	
	MAGNETIC			TROUBLE	
	ACTUATOR	135		LIGHT,	
8515127	SUPPORT,			ANTENNA	7
	DUPLEXER	156	9007893	LIMITER,	
8515248	STOP	187		ELEVATION	
8516219	FAN,			SERVO	268
	VANEAXIAL	191	9007945	CAPACITOR	
8517037	DOOR AND			ASSEMBLY	139
	FRAME		9007946	TRANSMITTER,	
	ASSEMBLY	267		POSITION,	
8517073	FAN,			GUIDED	
	VANEAXIAL	189		MISSILE	52
8517818	FASTENER,		9007947	TRANSMITTER,	
	FLAP	185		POSITION,	
8517911	FASTENER,			GUIDED	
	FLAP	185		MISSILE	31
8518692	DOOR,		9008013	CHASSIS	90
	PLASTIC		9008043	WINDOW-PANEL	
	FOLDING	252		ASSEMBLY	51
8520111	ACTUATOR		9009416	RING	
	ASSEMBLY	49		ASSEMBLY,	
8520474	CAPACITOR-			ELECTRICAL	
	TERMINAL			CONTACT	60
	BOARD		9015527	CARRIAGE	
	ASSEMBLY	137		ASSEMBLY	46



Reference No	Assembly	Figure No.	Reference No.	Assembly	Figure No.
9015657	BASE	47	9142934	FILTER	
9015692	PLATE	136		ASSEMBLY	126
9016679	SUPPORT,		9142936	FILTER	
	WAVEGUIDE	147		ASSEMBLY	126
9136028	BASE, ANTENNA	161	9142953	FILTER	
9136180	SWITCH,			ASSEMBLY	125
	INTERLOCK	88	9143120	CONVERTER,	
9136192	SHOCK			WAVEFORM	116
	ABSORBER	218	9143888	PANEL, TEST,	
9136461	PLATFORM,			ELECTRICAL	251
	ANTENNA		9155138	VOLTAGE	
	SUPPORT			DIVIDER	90
	GROUP	221	9155168	MOUNT, DRIVE	
9136462	PLATFORM,			TUNING	
	ANTENNA			/MAGNETRON/	79
	SUPPORT		9159969	CONTROL,	
	GROUP	221		POWER SUPPLY	109
9136463	PLATFORM,		9159973	DUPLEXER	140
	ANTENNA		9160053	RECEIVER-	
	SUPPORT BASE	219		TRANSMITTER,	
9136464	PLATFORM,			RADAR	
	ANTENNA			/MISSILE	
	SUPPORT BASE	220		TRACKING/	73
9136465	EQUIPMENT		9986205	CAPACITOR	
	ENCLOSURE,			ASSEMBLY	91
	AZIMUTH		9986983	GEAR	
	DRIVE	222		ASSEMBLY,	
9138173	CAPACITOR			COMPRESSOR	95
	ASSEMBLY	93	9991587	ATTENUATOR,	
9138649	COMPRESSOR,			VARIABLE	146
	RECIPROCATING	94	9991631	HOLDER, SEMI-	
9141731	WAVEGUIDE			CONDUCTOR	
	ASSEMBLY	148		DEVICE	145
9141735	WAVEGUIDE		9991896	CONVERTER,	
	ASSEMBLY	152		FREQUENCY	120
9141832	WAVEGUIDE		9995925	TERMINAL	
	ASSEMBLY	153		BOARD	25

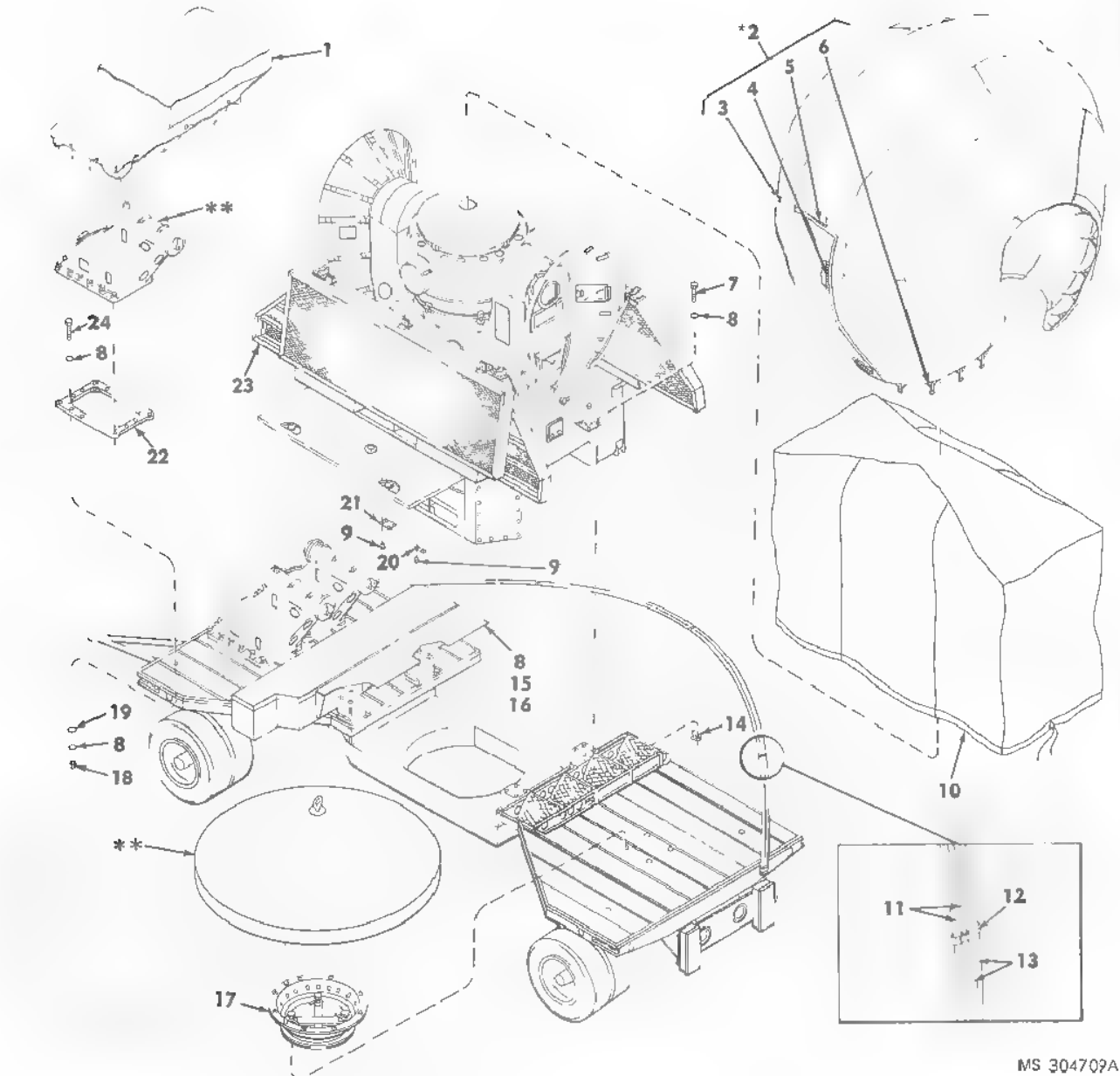


### SECTION III. ILLUSTRATIONS



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FIGURE 1. ANTENNA-RECEIVER-TRANSMITTER GROUP, MISSILE TRACKING, TRAILER MOUNTED  
DA-1340/MPA /8511725/-OVERALL VIEW

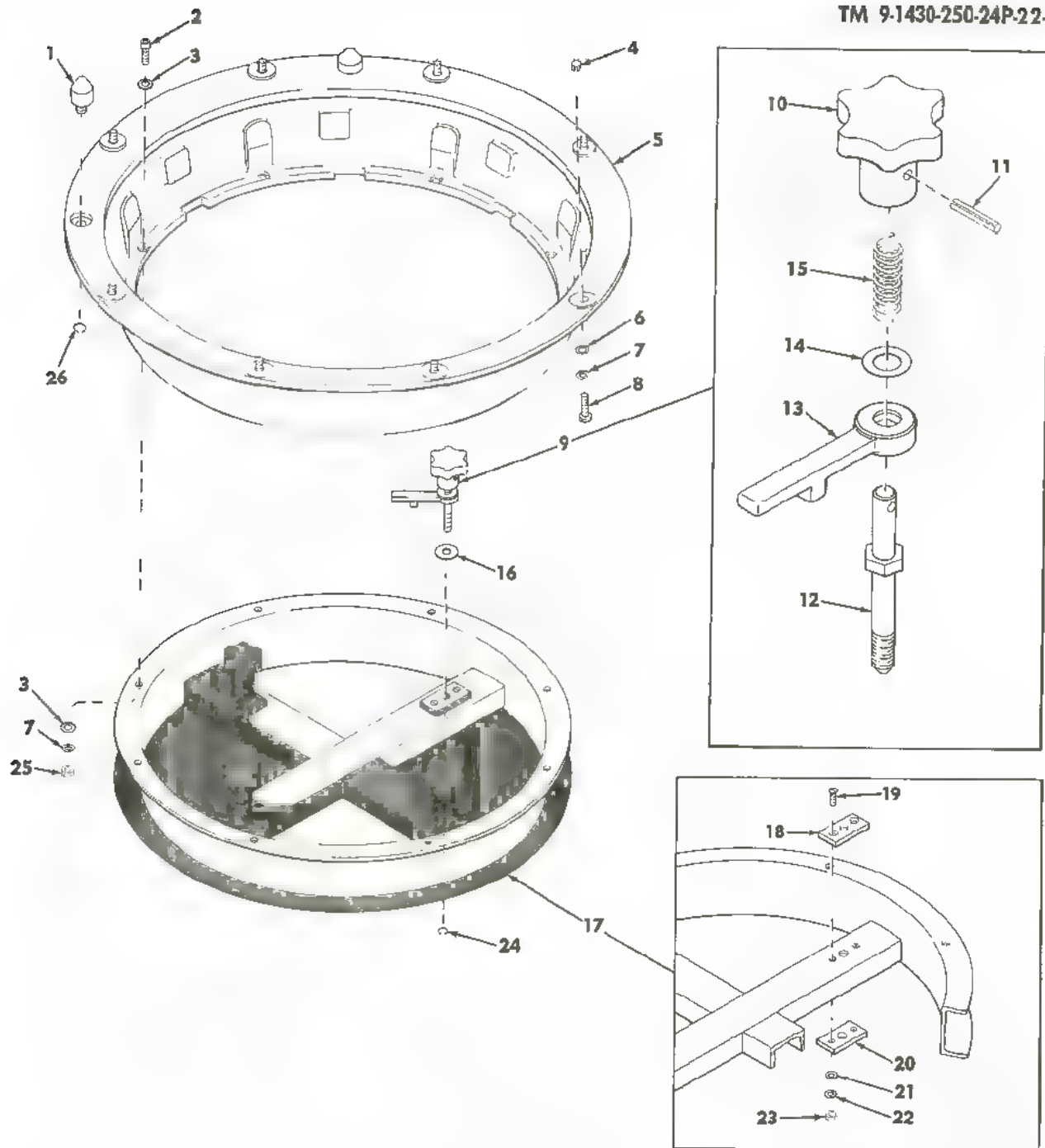


1 COVER 8511584.....1	13 NONMETALLIC ROD 8174284.....2	23 ANTENNA-RECEIVER-TRANSMITTER GROUP 8512757.....1
2 COVER 1018523.....1	14 NUT MS 21081-8.....16	SEE FIGURE 4 FOR DETAILS
3 EYE HOOK 8517974.....1	15 SCREW MS 90725-113.....8	24 BOLT 428571.....12
4 FASTENER 9984495.....1	16 HOIST 8173930.....1	
5 FASTENER 9984496.....2	SEE FIGURE 275 FOR DETAILS	
6 RING 9002532.....88	17 SUPPORT 8016541.....1	
7 BOLT AN8-10A.....16	SEE FIGURE 3 FOR DETAILS	
8 WASHER MS27183-18.....48	18 NUT MS 91922-33.....12	
9 SCREW MS24630-10.....6	19 WASHER MS27183-22.....12	
10 COVER 9004284.....1	20 PLATE 275646.....1	
11 NONMETALLIC ROD 8174285.....2	21 PLATE 9005393.....1	
12 STRAP 9004290.....4	22 ADAPTER 8015522.....3	

\* SHIPPED LOOSE  
 \*\* COMPONENT OF ANTENNA-RECEIVER-TRANSMITTER GROUP-8016525

FIGURE 2. ANTENNA-RECEIVER-TRANSMITTER GROUP, MISSILE TRACKING OA-1485/MPA /8016525/-EXPLODED VIEW





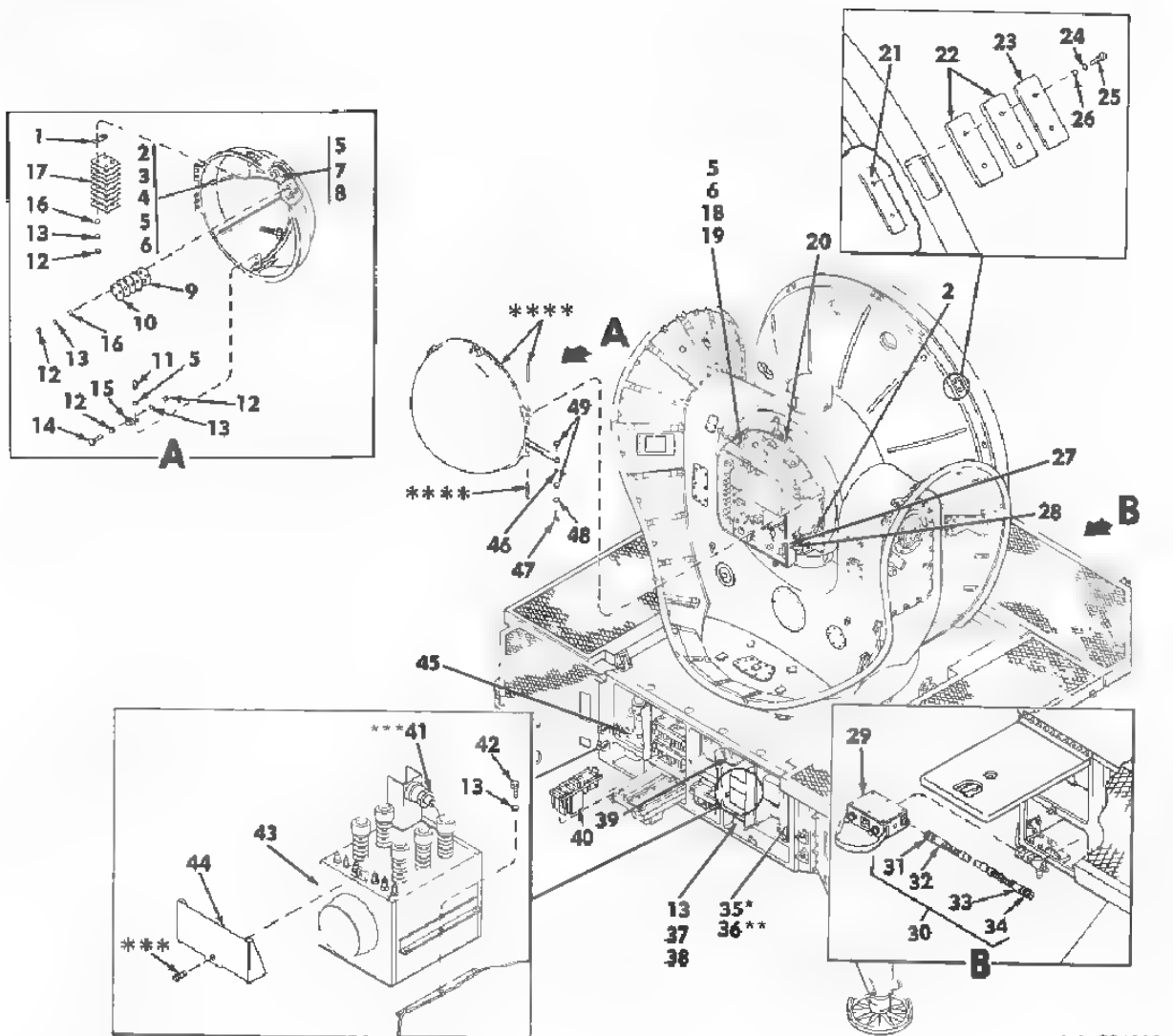
ORD G3047 0

1 PIN 8517933.....2  
2 SCREW MS6997-62.....9  
3 WASHER MS27183-10.....16  
4 RETAINER 8516043.....8  
5 SUPPORT 8223599.....1  
6 WASHER MS27183-14.....8  
7 WASHER MS35338-44.....16  
8 SCREW MS90725-62.....8  
9 CLAMP 8173926.....4

10 KNOB 8173921.....1  
11 PIN MS16562-245.....1  
12 BOLT 8173986.....1  
13 WRENCH 8173922.....1  
14 WASHER MS27183-18.....1  
15 SPRING 8010463.....1  
16 WASHER 446230.....4  
17 RING 8016527.....1  
18 PLATE 8016527-2.....4

19 SCREW 133573.....8  
20 PLATE 8016527-4.....4  
21 WASHER MS27183-8.....8  
22 WASHER MS35338-43.....8  
23 NUT MS35649-202.....8  
24 RING MS16624-1050.....4  
25 NUT MS51967-2.....8  
26 RING MS16624-1075.....2

FIGURE 3. SUPPORT /8016541/-EXPLODED VIEW  
/SEE FIGURE 2 FOR NEXT HIGHER ASSEMBLY/



MS 334080B

1 SEPARATOR 8518712.....2  
2 CLAMP 9135581.....3  
3 NUT MS35649-282.....2  
4 SCREW MS16997-100.....3  
5 WASHER MS35338-42.....13  
6 WASHER MS27183-7.....3  
7 SCREW MS35206-242.....3  
8 FIXTURE 9006782.....1  
9 SEE FIGURE 7 FOR DETAILS  
10 SEPARATOR 8518711.....1  
11 WEIGHT 9000127.....4  
12 SCREW MS35206-243.....2  
13 NUT MS51967-2.....9  
14 WASHER MS35338-44.....14  
15 STOP 8512512.....1  
16 BRACKET 8512510.....1  
17 WASHER MS27183-10.....7  
18 WEIGHT 9000126.....9  
19 SCREW MS35206-247.....8  
20 CLAMP NAS1397K2N.....3  
21 CLAMP T602999.....1  
22 PLATE 8158096.....8  
23 WEIGHT 8158097.....4

23 PLATE 8158098.....8  
24 WASHER MS35338-43.....16  
25 SCREW MS35206-267.....16  
26 WASHER MS27183-6.....16  
27 CLAMP NAS1397K6N.....1  
28 CLAMP NAS1397K6N.....1  
29 CONTROL 8012250.....1  
30 SEE FIGURE 10 FOR DETAILS  
31 CABLE ASSEMBLY 9989492.....1  
32 CONNECTOR 9586722.....1  
33 ADAPTER 9986723.....2  
34 CLAMP 9986719.....2  
35 CONNECTOR 9018901.....1  
36 AMPLIFIER 10184764.....1  
37 SEE FIGURE 12 FOR DETAILS  
38 AMPLIFIER 10668152.....1  
39 SEE FIGURE 12 FOR DETAILS  
40 SCREW MS35206-281.....6  
41 FILTER 9003640.....2  
42 POWER SUPPLY 9006797.....1  
43 AMPLIFIER 10668151.....8  
44 SEE FIGURE 21 FOR DETAILS

41 CABLE ASSEMBLY 8515936.....1  
42 BOLT FF8575GRADE1TYPE3.....6  
43 POWER SUPPLY SUBASSEMBLY  
9991859.....1  
44 COVER 9998696.....1  
45 POWER SUPPLY SUBASSEMBLY  
8520924.....1  
46 SEE FIGURE 26 FOR DETAILS  
47 BUSHING 8171698.....1  
48 BOLT 8177012.....1  
49 WASHER MS35338-46.....1  
50 WASHER MS27183-15.....2

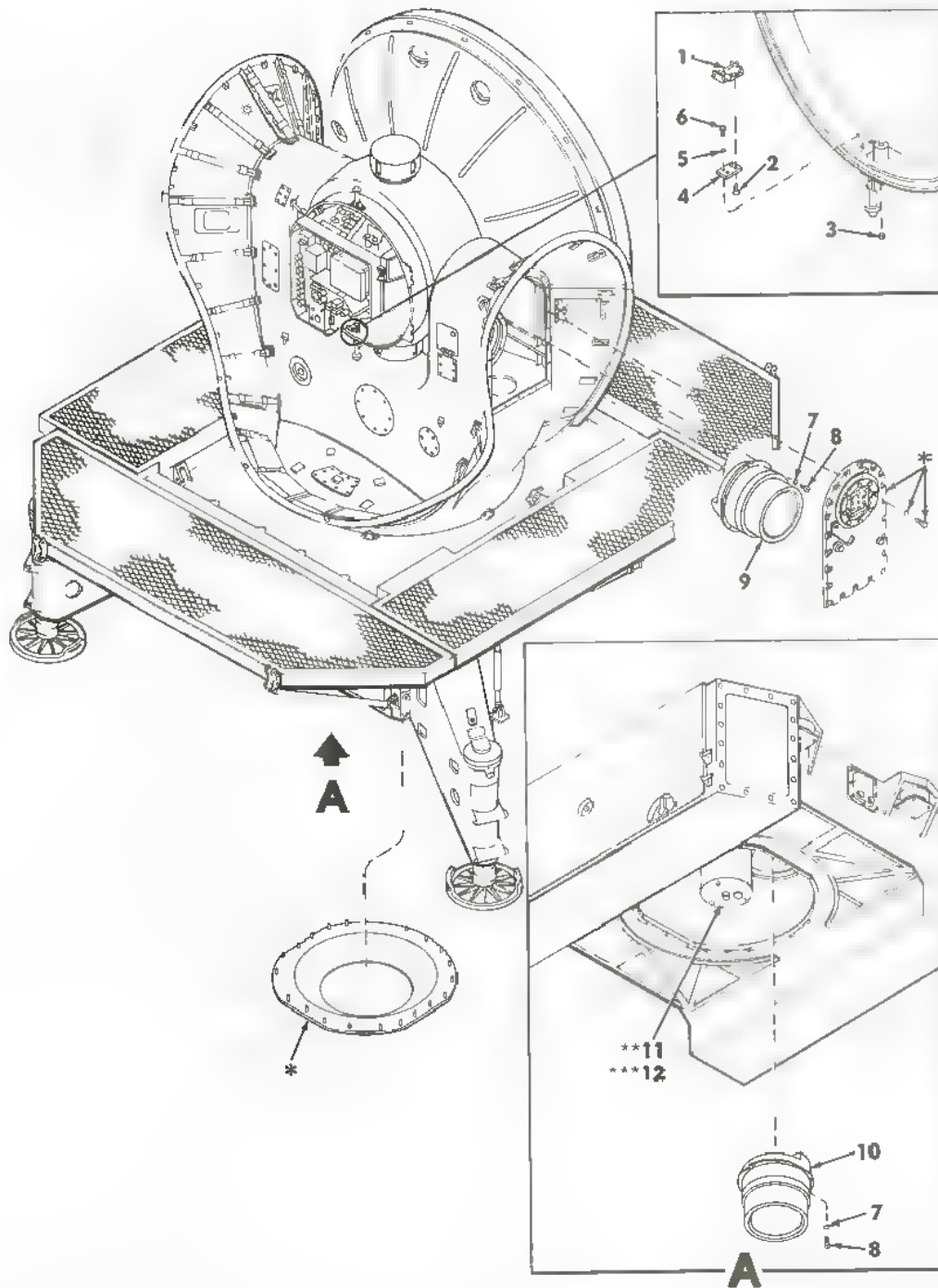
\* WITHOUT DA MWO  
9-1430-253-30-35

\*\* WITH DA MWO 9-1430-253-30-35

\*\*\* FURNISHED WITH ITEM 43

\*\*\*\* COMPONENT OF BASE-9136028

FIGURE 4. ANTENNA-RECEIVER-TRANSMITTER, MISSILE TRACKING DA-1486/MPA /8512757/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 2 FOR NEXT HIGHER ASSEMBLY/



ORD G304712

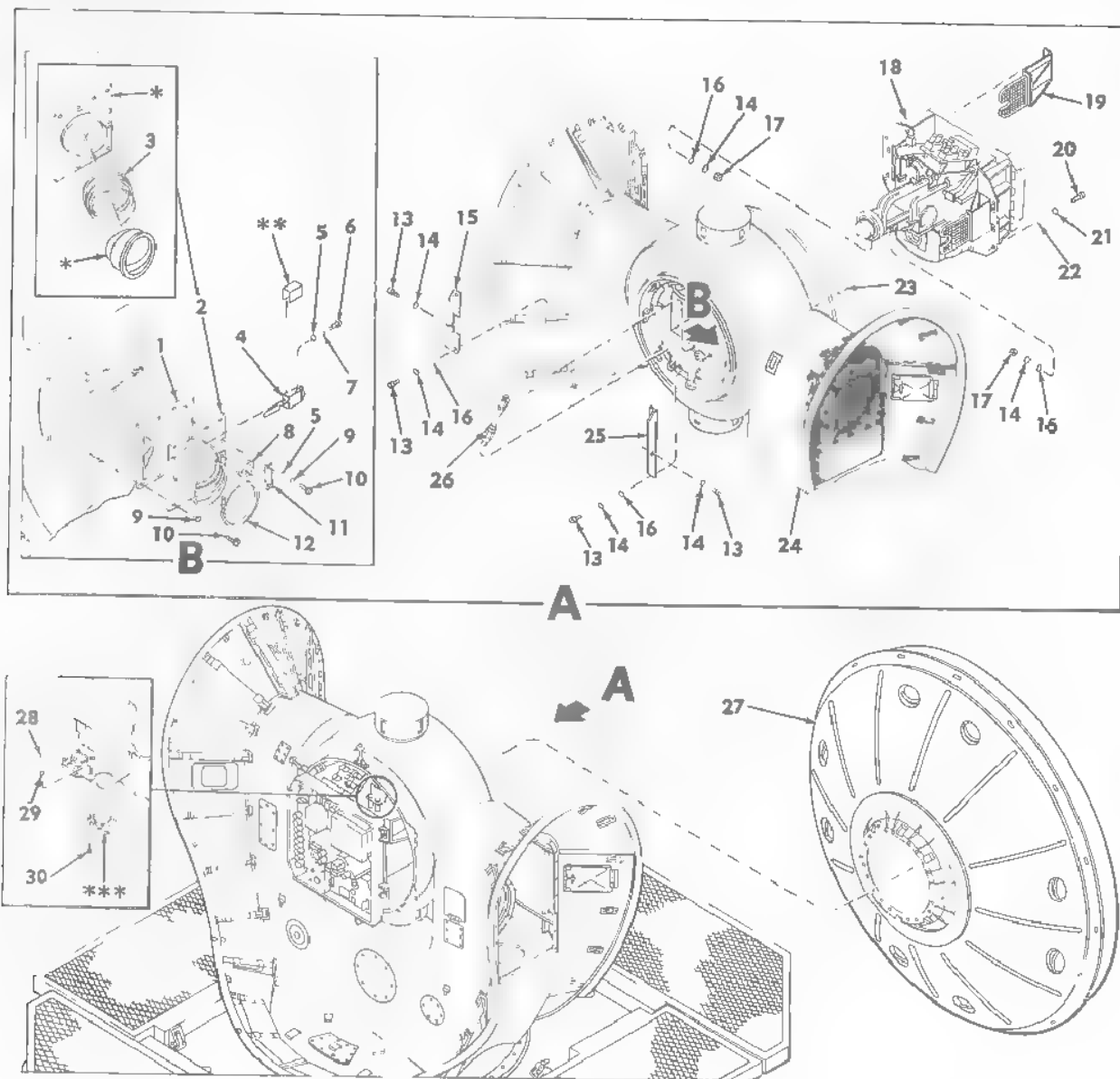
1 SWITCH 8009180.....1  
2 SCREW MS35190-234.....2  
3 SETSCREW AN565D82046.....3  
4 PLATE 8512511.....1  
5 WASHER MS35338-42.....2  
6 SCREW MS35206-244.....2  
7 WASHER MS35338-46.....12

8 SCREW MS16997-99.....12  
9 TRANSMITTER 9007947.....1  
SEE FIGURE 31 FOR DETAILS  
10 TRANSMITTER 9007946.....1  
SEE FIGURE 52 FOR DETAILS  
11 RING ASSEMBLY 9009416.....1  
SEE FIGURE 60 FOR DETAILS

12 RING ASSEMBLY 8171910.....1  
SEE FIGURE 67 FOR DETAILS

\* COMPONENT OF BASE-9136028  
\*\* FOR SYSTEMS 1182 UP  
\*\*\* FOR SYSTEMS 1001 TO 1181

FIGURE 5. ANTENNA-RECEIVER-TRANSMITTER, MISSILE TRACKING, OA-1486/MPA /8512757/-PARTIAL EXPLODED VIEW



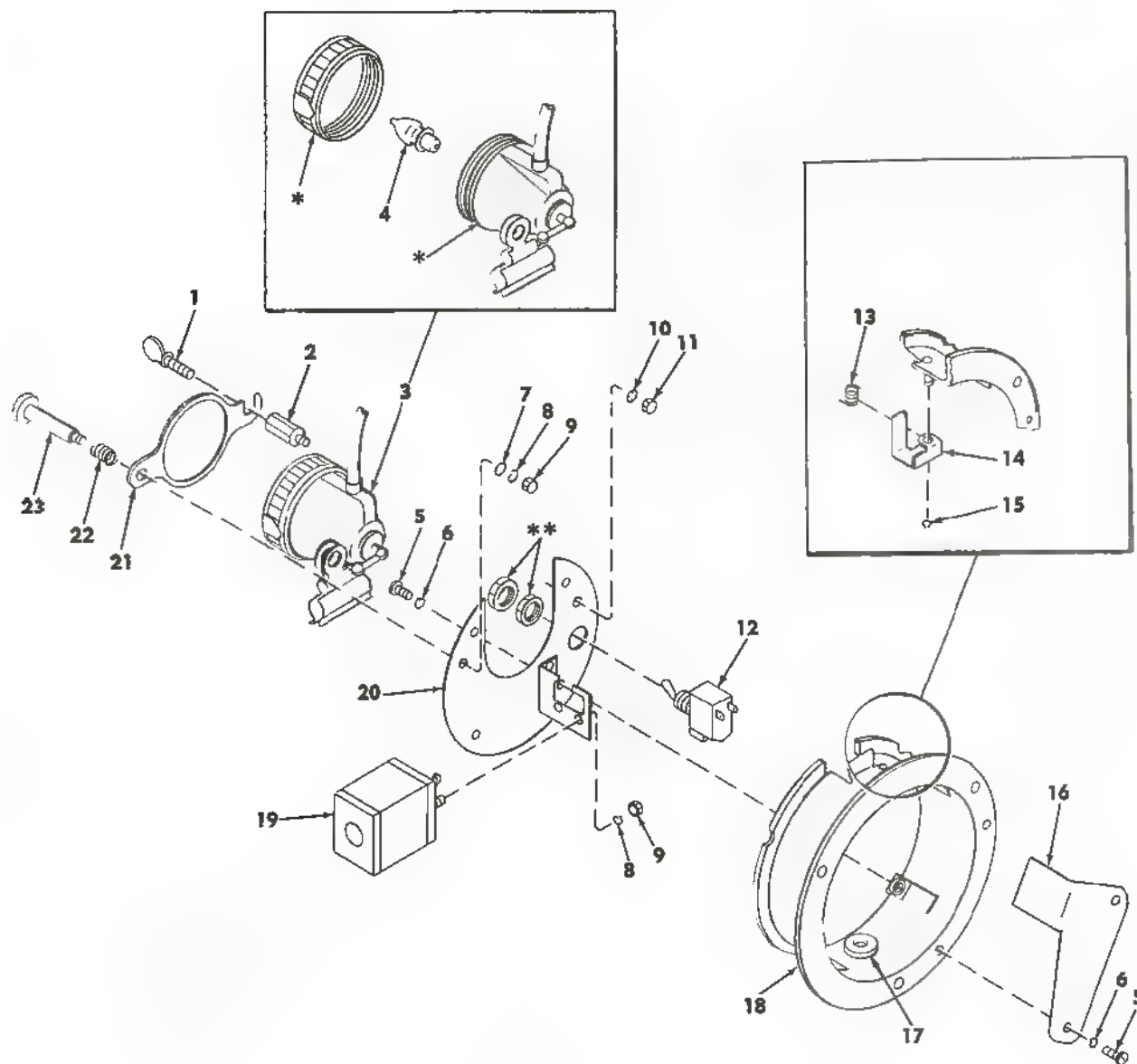
MS 304713A

1 GASKET 8172398.....1	15 BRACE 8158896.....1	25 BRACE 8158897.....1
2 DUCT 8172403.....1	16 WASHER MS27183-10.....10	26 HOSE AN6270-6-14,500.....2
3 BELLOWS 8174244.....1	17 NUT MS51967-2.....2	27 REFLECTOR ASSEMBLY 8158879.....1
4 SWITCH 10033266-2.....1	18 RECEIVER-TRANSMITTER 9160053.....1	SEE FIGURE 273 FOR DETAILS
5 WASHER MS27183-8.....3	19 FRAME-FILTER 8171042.....2	28 NUT MS35649-242.....8
6 SCREW MS35265-63.....1	SEE FIGURE 8 FOR DETAILS	29 WASHER MS35338-40.....8
7 WASHER MS35338-43.....1	20 SCREW MS16997-100.....9	30 SCREW MS35206-215.....9
8 BUSHING 8171050.....1	21 WASHER MS35338-46.....9	
9 WASHER MS35338-42.....11	22 WASHER MS27183-15.....9	
10 SCREW MS35206-245.....11	23 PIN MS16962-252.....2	
11 STRIP 8172391.....1	24 BASE 9138028.....1	
12 COUPLING 9009098.....1	SEE FIGURE 161 FOR DETAILS	
13 SCREW MS16997-62.....6		
14 WASHER MS35338-44.....8		

\* COMPONENT OF ITEM 2  
 \*\* FURNISHED WITH ITEM 4  
 \*\*\* COMPONENT OF ITEM 10

FIGURE 6. ANTENNA-RECEIVER-TRANSMITTER, MISSILE TRACKING. DA-1486/MPA /8512757/-PARTIAL EXPLODED VIEW



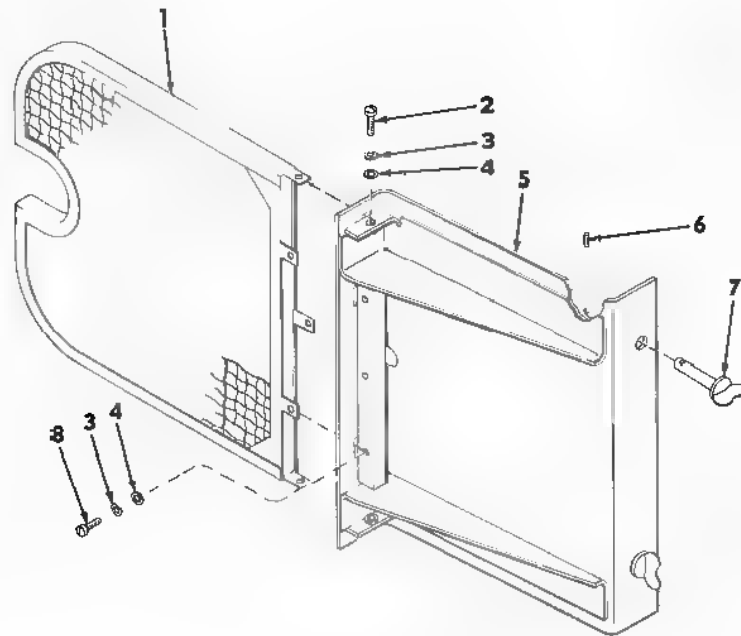


ORD G304714

1 THUMBSCREW 9003668.....1	10 WASHER MS35333-39.....1	19 TRANSFORMER 9006834.....1
2 STJD 9006833.....1	11 NUT MS35649-202.....1	20 PLATE 9006786.....1
3 LIGHT 9006848.....1	12 SWITCH ST5.....1	21 RETAINER 9006829.....1
4 LAMP 9024657.....1	13 SPRING 9006826.....1	22 SPRING 9006790.....1
5 SCREW MS35206-213.....6	14 BRACKET 9006827.....1	23 SCREW 9006789.....1
6 WASHER MS35338-40.....6	15 RING 5100-12.....1	
7 WASHER MS27183-6.....1	16 PLATE 9137805.....1	
8 WASHER MS35333-41.....3	17 GROMMET 9012080.....1	
9 NUT MS35649-262.....3	18 LAMPHOLDER 9006783.....1	

\* COMPONENT OF ITEM 3  
\*\* FURNISHED WITH ITEM 12

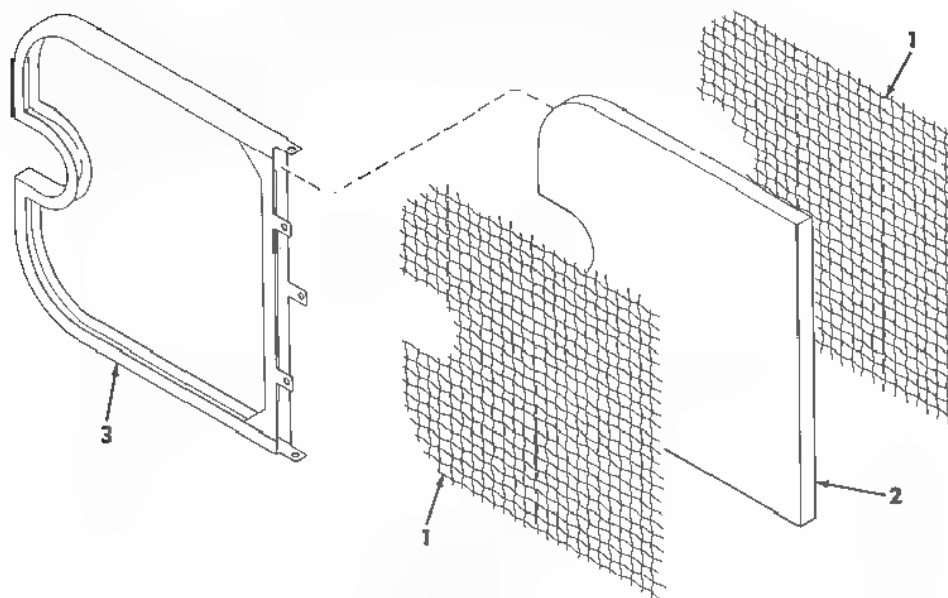
FIGURE 7. FIXTURE, TROUBLE LIGHT, ANTENNA /9006782/-EXPLODED VIEW  
/SEE FIGURE 4 FOR NEXT HIGHER ASSEMBLY/



- |   |                          |                 |   |
|---|--------------------------|-----------------|---|
| 1 | FRAME                    | 9000044.....    | 1 |
|   | SEE FIGURE 9 FOR DETAILS |                 |   |
| 2 | SCREW                    | MS35265-27..... | 2 |
| 3 | WASHER                   | MS35338-41..... | 5 |
| 4 | WASHER                   | MS27183-6.....  | 5 |
| 5 | BRACKET                  | 8171044.....    | 1 |
| 6 | PIN                      | 7598936.....    | 2 |
| 7 | STUD                     | 8515654.....    | 2 |
| 8 | SCREW                    | MS35265-30..... | 2 |

ORD G256562

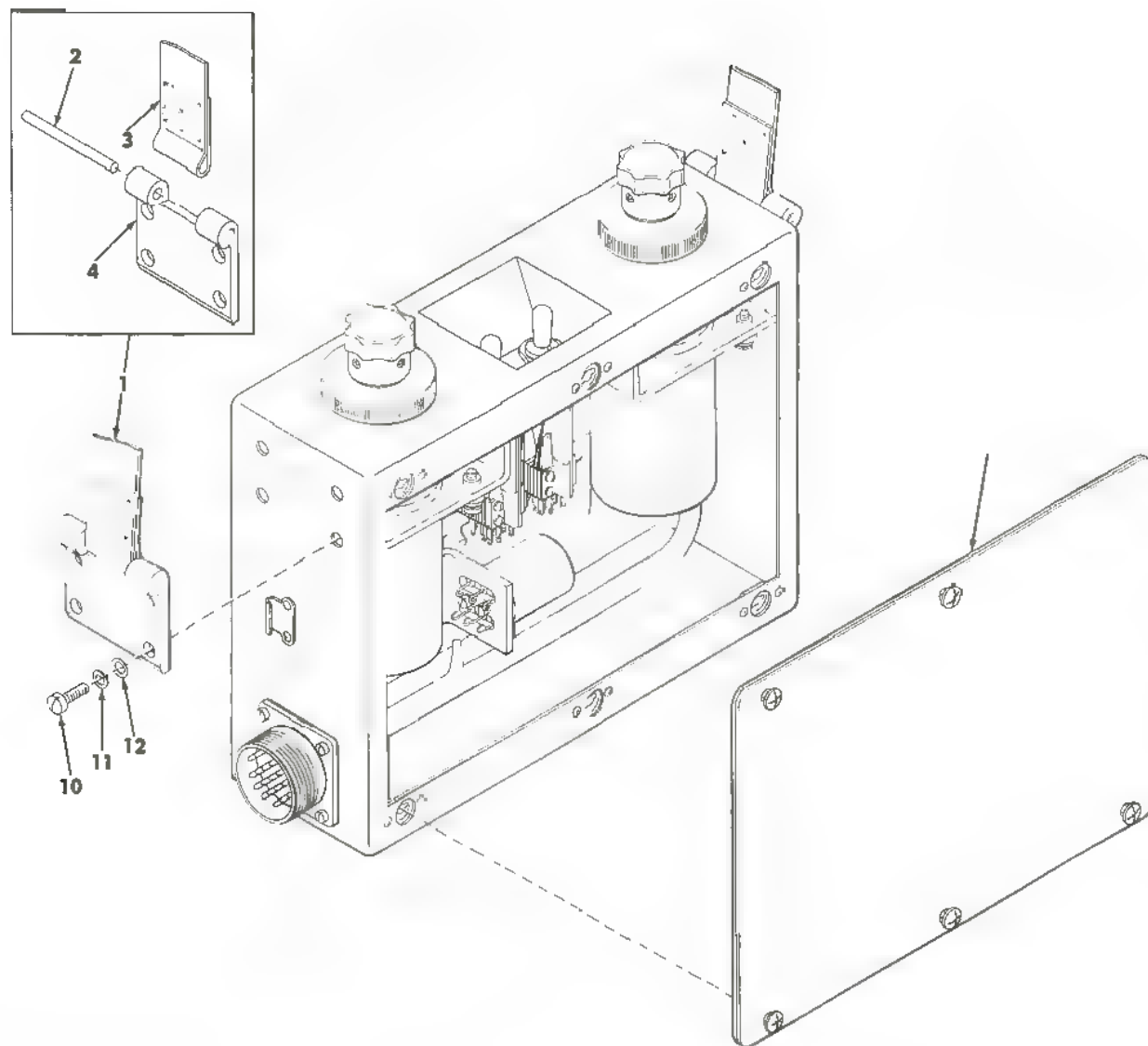
FIGURE 8. FRAME-FILTER /8171042/-EXPLODED VIEW  
/SEE FIGURE 6 FOR NEXT HIGHER ASSEMBLY/



- |   |             |              |   |
|---|-------------|--------------|---|
| 1 | WIRE FABRIC | 8174183..... | 2 |
| 2 | FILTER      | 8171026..... | 1 |
| 3 | FRAME       | 8171043..... | 1 |

ORD G19050

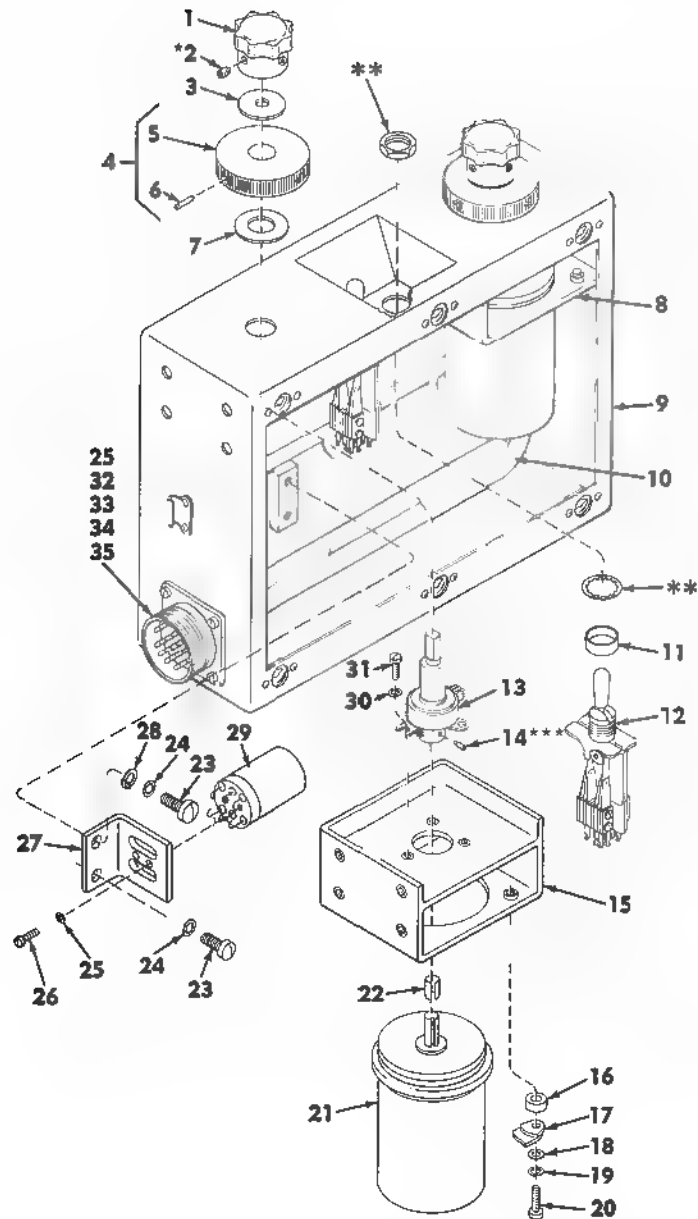
FIGURE 9. FRAME, FILTER /9000044/ EXPLODED VIEW  
/SEE FIGURE 8 FOR NEXT HIGHER ASSEMBLY/



ORD G304715

1 STRAP 8012243.....2	5 COVER 8012247.....1	9 STUD 8175345.....6
2 PIN MS171572.....1	6 PIN 7598953.....6	10 SCREW MS35265-64.....8
3 STRAP 8012245.....1	7 GASKET 8012399.....1	11 WASHER MS35338-43.....8
4 BRACKET 8012241.....1	8 COVER 8012247-2.....1	12 WASHER MS27103-8.....8

FIGURE 10. CONTROL, ANTENNA C-1495/M /8012250/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 4 FOR NEXT HIGHER ASSEMBLY/



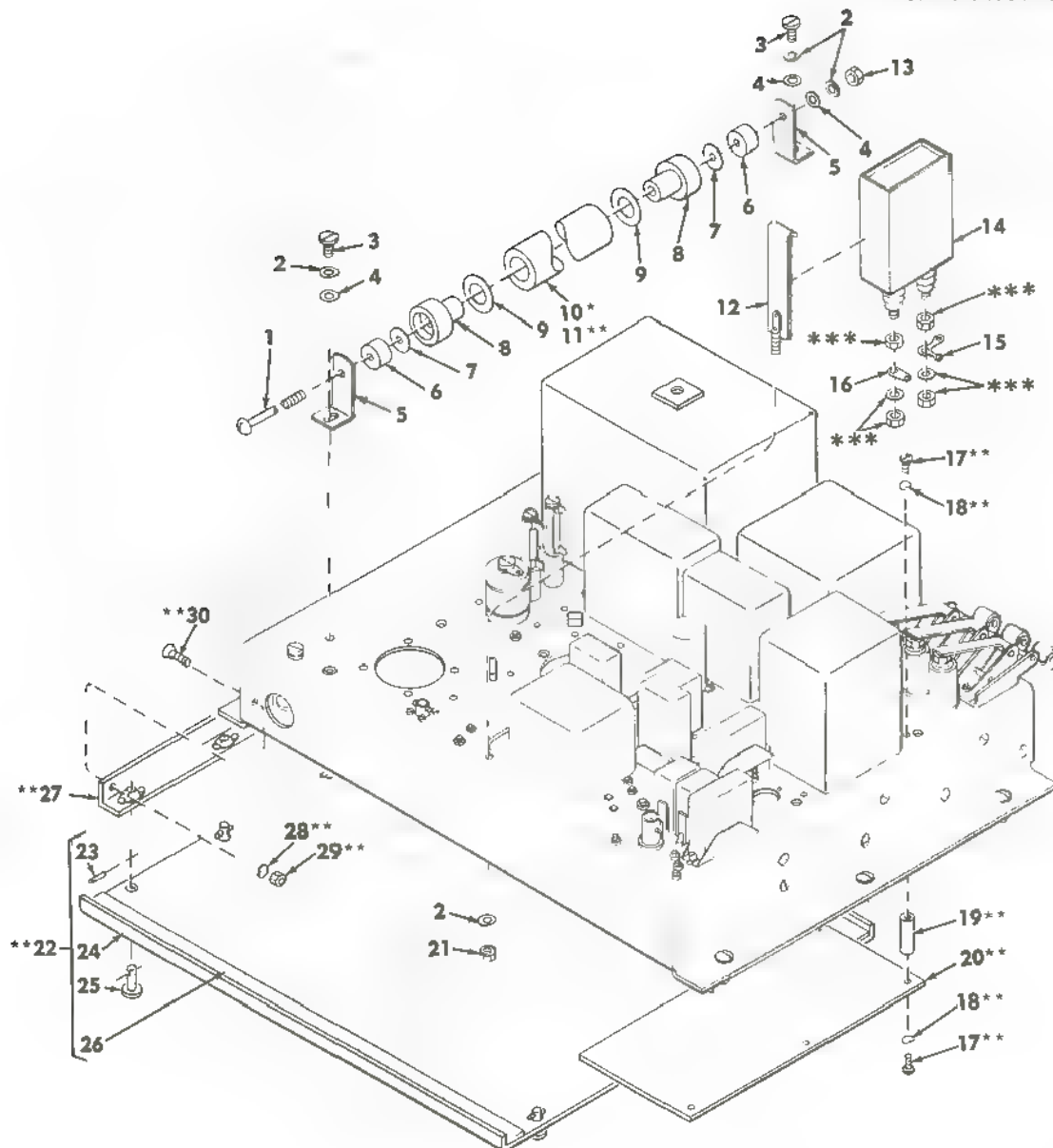
ORD G304716

1 KNOB 7609945.....2	14 SETSCREW MS51963-34.....4	29 TRANSFORMER 7605338.....1
2 SETSCREW MS51963-36.....4	15 BRACKET 8511641.....1	30 WASHER MS35338-41.....6
3 WASHER 8150317.....2	16 SPACER 7598252.....4	31 SCREW MS35265-28.....6
4 KNOB 8012244.....2	17 CLAMP 7598002.....4	32 SCREW MS35265-15.....4
5 KNOB 8012244-2.....1	18 WASHER MS27183-7.....1	33 WASHER MS27183-4.....4
6 SETSCREW MS51963-37.....2	19 WASHER MS35338-42.....4	34 NUT MS35649-242.....4
7 WASHER 8012400.....2	20 SCREW MS35265-46.....4	35 CONNECTOR
8 BRACKET 8511715.....1	21 SYNCHRO 7674821.....2	CA3100A S22-14PF87.....1
9 HOUSING 8012335.....1	22 SPACER 8013107.....2	
10 WIRING HARNESS 8012897.....1	23 SCREW MS35265-61.....2	
SEE FIGURE 278, NUMBER 2	24 WASHER MS35338-43.....2	
FOR DETAILS	25 WASHER MS35338-40.....6	
11 SPACER 8012333.....2	26 SCREW MS35265-13.....2	
12 SWITCH 8175304.....2	27 BRACKET 8012334.....1	
13 DRIVE 7604292.....2	28 TERMINAL 205560-1.....1	

\* FURNISHED WITH ITEM 1  
 \*\* FURNISHED WITH ITEM 12  
 \*\*\* FURNISHED WITH ITEM 13

FIGURE 11. CONTROL, ANTENNA C 1495/M / 80122507-PARTIAL EXPLODED VIEW



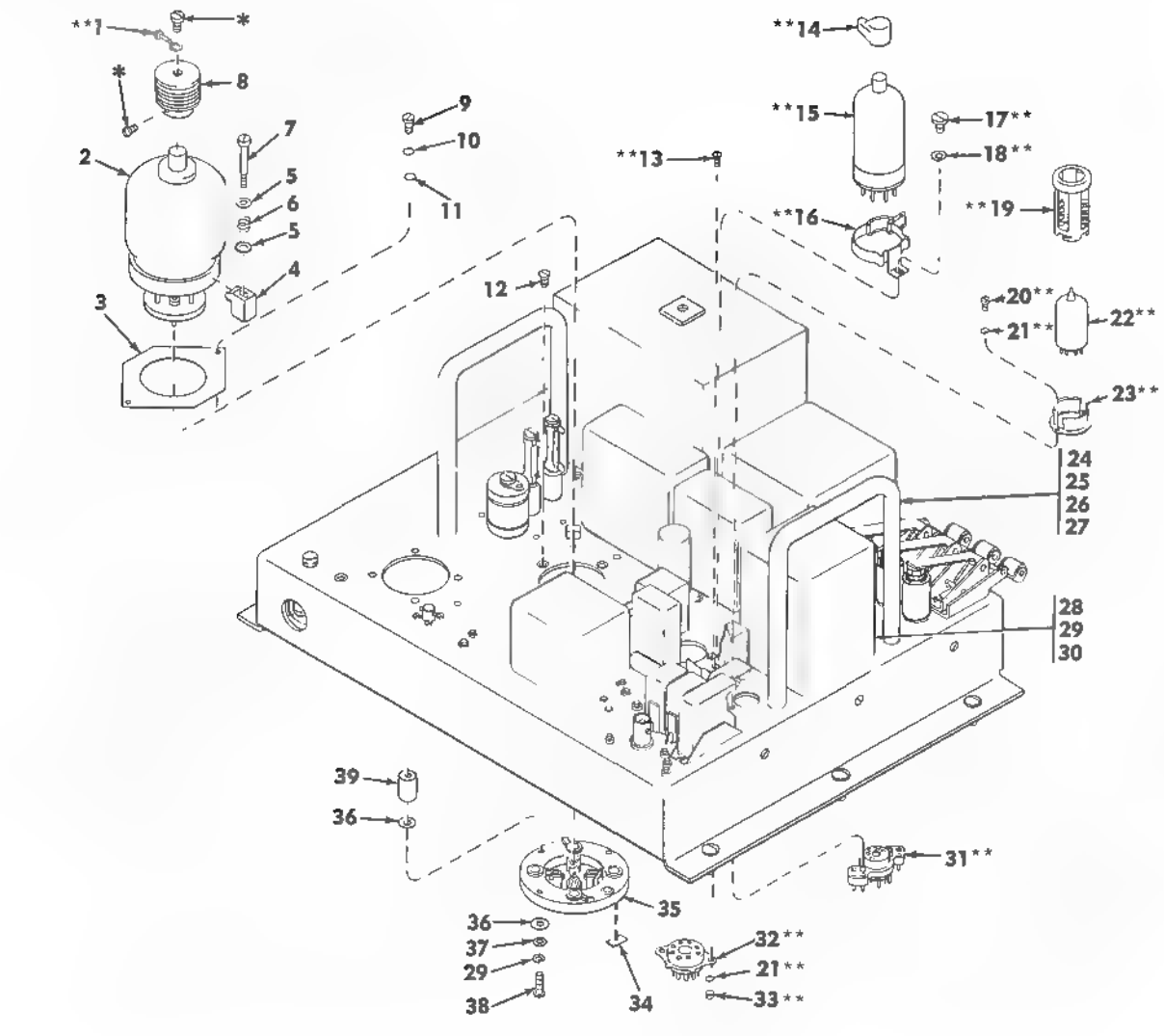


MS 334082A

1 SCREW 8024637.....1	14 CAPACITOR CP 72E1EL254K1.....1	25 STUD 8174009.....8
2 WASHER MS35338-138.....5	15 TERMINAL 8175854.....1	26 SHIELDING GASKET
3 SCREW MS91957-61.....2	16 TERMINAL MS35431-8.....1	10667863.....2
4 WASHER MS15795-809.....1	17 SCREW 9157788-39.....12	27 BRACKET 10668154.....2
5 BRACKET 8515481.....2	18 WASHER MS35338-136.....12	28 WASHER MS35338-137.....10
6 BEARING 9024651.....2	19 STUD 9982041.....6	29 NUT 9157793-6.....10
7 WASHER 9024670.....2	20 ELECTRONIC COMPONENTS	30 SCREW 9157792-62.....10
8 INSULATOR 8591722.....2	ASSEMBLY 10666990.....1	
9 WASHER 10168072.....2	SEE FIGURE 20 FOR DETAILS	
10 RESISTOR RW38G144.....1	21 NUT MS35650-304.....2	
11 RESISTOR RW38V154.....1	22 PLATE 10668153.....1	
12 RETAINER FPO72583.....2	23 PIN 7598953.....8	
13 NUT MS35649-204.....1	24 PLATE 10668153-2.....1	

\* FOR AMPLIFIER-10184764  
 \*\* FOR AMPLIFIER-10668152  
 \*\*\* FURNISHED WITH ITEM 14

FIGURE 12. AMPLIFIER, TRIGGER PULSE /1018/764 AND 10668152/-PARTIAL EXPLODED VIEW  
 /SEE FIGURE 4 FOR NEXT HIGHER ASSEMBLY/

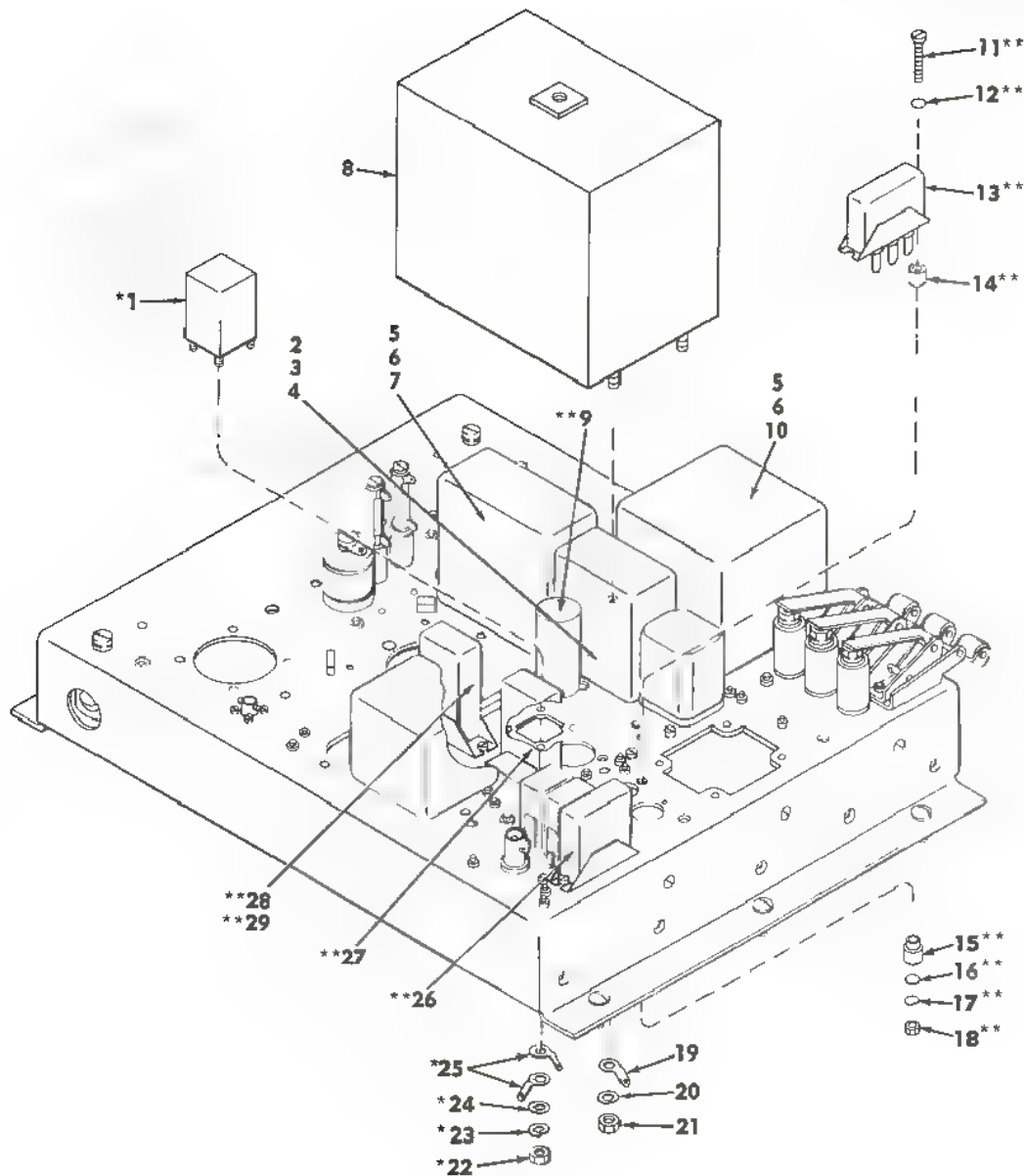


MS 334081A

1	TERMINAL	MS25036-108.....1	16	RETAINER	8899395.....1	31	SOCKET	8516333.....1
2	ELECTRON TUBE	8252.....1	17	SCREW	9157788-72.....1	32	SOCKET	TS101C01.....1
3	INSULATOR	8174455.....1	18	WASHER	MS35338-138.....1	33	NUT	MS35649-244.....2
4	CLAMP	9217055.....3	19	SHIELD	M24251-5-5.....1	34	PLATE	7599929.....1
5	WASHER	MS15795-809.....6	20	SCREW	9157788-26.....2	35	SOCKET	9003248.....1
6	SPRING	8217079.....3	21	WASHER	MS35338-135.....4	36	WASHER	8024667.....6
7	SCREW	8174454.....3	22	ELECTRON TUBE	5687WB.....1	37	WASHER	MS15795-807.....3
8	CONNECTOR	10044612.....1	23	RETAINER	M24251-4-2.....1	38	SCREW	9157788-57.....3
9	SCREW	9157788-39.....2	24	SCREW	9157788-92.....4	39	NUT	8217078.....3
10	WASHER	MS35338-136.....2	25	WASHER	MS35338-139.....4			
11	WASHER	MS15795-106.....2	26	WASHER	MS15795-810.....4			
12	SCREW	9157792-61.....3	27	HANDLE	8024644.....2			
13	SCREW	9157792-33.....2	28	TRANSFORMER	8516227.....1			
14	CLIP	7599080.....1	29	WASHER	MS35338-137.....7			
15	ELECTRON TUBE	6293.....1	30	NUT	MS35649-284.....4			

\* FURNISHED WITH ITEM 8  
\*\* FOR AMPLIFIER-10104764

FIGURE 13. AMPLIFIER, TRIGGER PULSE /10184764 AND 10668152/-PARTIAL EXPLODED VIEW

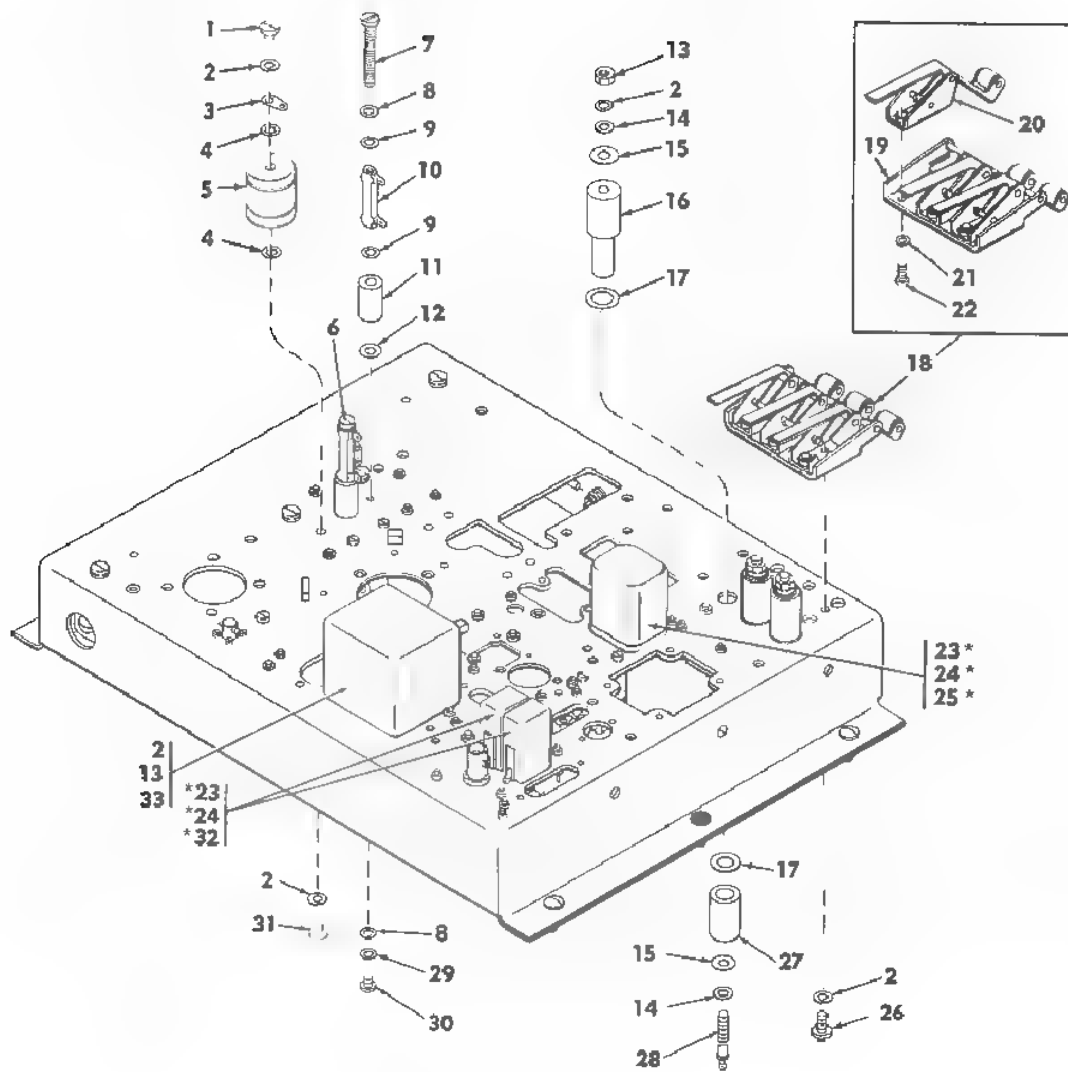


MS 334083A

1 TRANSFORMER 10667824.....1	12 WASHER 2W1-10-9-20.....8	23 WASHER MS35338-136.....4
2 NUT MS35649-284.....2	13 CAPACITOR CP6984EF104V1.....1	24 WASHER MS15795-806.....4
3 WASHER MS35338-137.....2	14 INSULATOR 7598108.....2	25 TERMINAL MS35431-3.....2
4 TRANSFORMER 9143391.....1	15 INSULATOR 7598107.....2	26 CAPACITOR CP6984EF254V1.....1
5 NUT MS35649-2J4.....8	16 WASHER MS15795-806.....2	27 CAPACITOR CP9186FF504V1.....1
6 WASHER MS35338-138.....8	17 WASHER MS35338-136.....8	28 SCREW 9157788-39.....6
7 TRANSFORMER 9145635.....1	18 NUT MS35649-264.....2	29 CAPACITOR CP9181EF105K1.....1
8 POWER SUPPLY 8515030.....1	19 TERMINAL 761252.....1	
9 CAPACITOR 10658354.....1	20 WASHER MS35338-139.....4	
10 POWER SUPPLY 9017154.....1	21 NUT MS51971-1.....4	
11 SCREW 9157788-46.....2	22 NUT MS35649-284.....4	

\* FOR AMPLIFIER-10668152  
\*\* FOR AMPLIFIER-10184764

FIGURE 14. AMPLIFIER, TRIGGER PULSE /10184764 AND 10668152/-PARTIAL EXPLODED VIEW

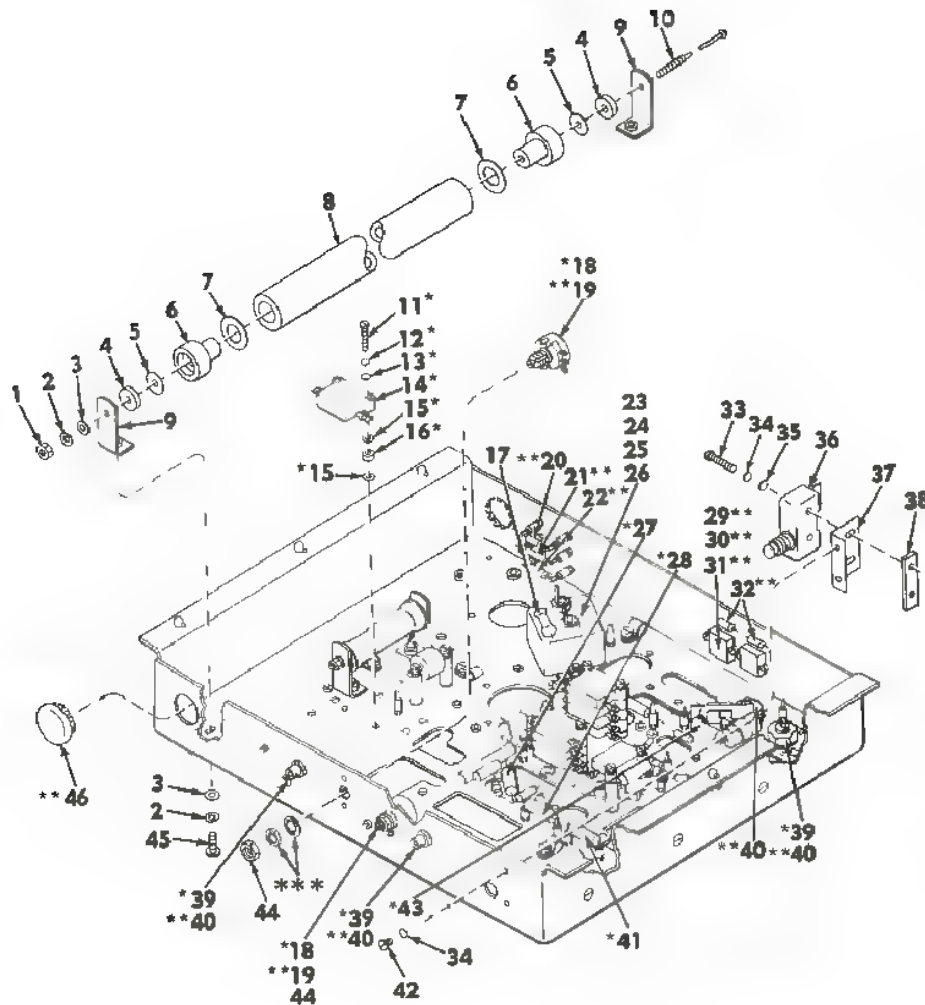


ORD G304719

1	SCREW MS51958-59.....1	13	NUT MS35649-204.....5	25	RELAY 9009252.....1
2	WASHER MS35338-138.....9	14	WASHER 8024652.....6	26	SCREW MS51957-63.....2
3	TERMINAL MS35431-8.....1	15	WASHER 8024671.....6	27	INSULATOR 8174451.....3
4	WASHER MS35333-39.....2	16	INSULATOR 8174452.....3	28	TERMINAL 8174450.....3
5	CAPACITOR 9150358.....1	17	WASHER 8024668.....6	29	WASHER MS35338-137.....2
6	RESISTOR 9138830.....1	18	ADAPTER 8174442.....1	30	SCREW 9157788-54.....2
7	SCREW 9157788-64.....2	19	ADAPTER 8174446.....1	31	SCREW 9157789-72.....1
8	WASHER MS15795-807.....4	20	CONTACT 8174443.....3	32	TRANSFORMER 8516226.....2
9	INSULATOR 8175992.....4	21	WASHER MS35338-42.....6	33	TRANSFORMER 8519085.....1
10	RESISTOR 8515479.....1	22	SCREW 131266.....6		
11	INSULATOR NL422402-008.....2	23	NUT MS35649-264.....7		
12	WASHER 8024667.....2	24	WASHER MS35338-136.....7		

\* FOR AMPLIFIER-10194764

FIGURE 15. AMPLIFIER, TRIGGER PULSE /10184764 AND 10668152/ PARTIAL EXPLODED VIEW

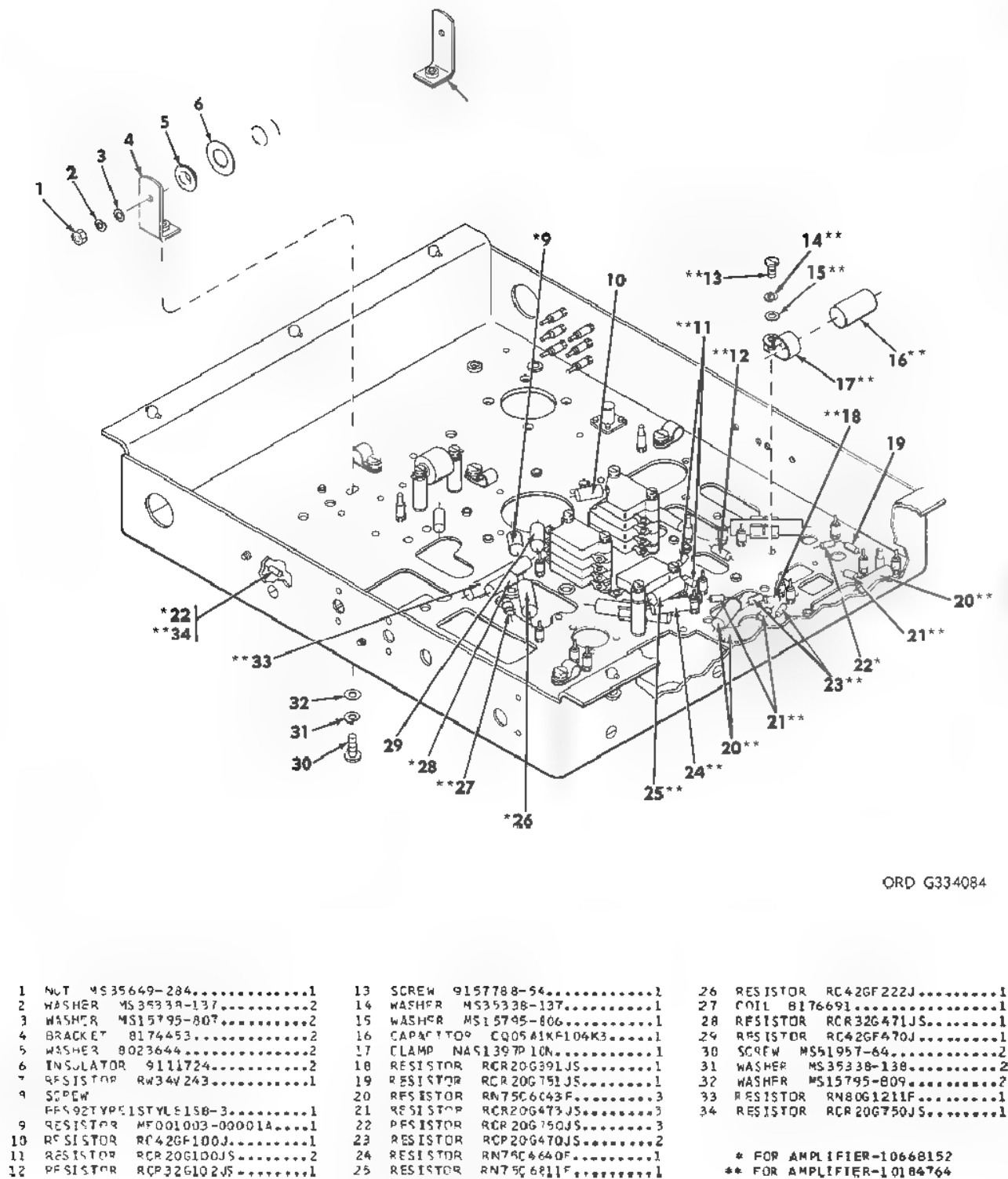


MS 334024A

1 NUT MS35649-204.....1	19 RESISTOR RV4LAYSA502A.....2	36 SWITCH #8805-1-024.....1
2 WASHER MS35338-139.....3	20 RESISTOR 9010164.....1	37 BRACKET 8174449.....1
3 WASHER MS15795-809.....3	21 RESISTOR RN7506C43F.....1	38 NUT 8511692.....1
4 BEARING 8024651.....2	22 RESISTOR RN75G1471F.....1	39 CONNECTOR M39012-21-0001....3
5 WASHER 8024670.....2	23 SCREW 9157788-54.....2	40 CONNECTOR M39012-21-0001....4
6 INSULATOR 8591722.....2	24 WASHER MS35338-137.....2	41 RESISTOR RN75G1471F.....1
7 WASHER 10168072.....2	25 NUT MS35649-204.....2	42 SCREW 9157788-38.....2
8 RESISTOR RW39V164.....1	26 CAPACITOR CP5481FB106K1....1	43 RESISTOR 9010164.....1
9 BRACKET 8174453.....2	27 RESISTOR 9150332.....1	44 NUT 7599442.....2
10 SCREW 8515482.....1	28 RESISTOR RN7509530F.....1	45 SCREW MS51957-64.....2
11 SCREW 9157788-45.....2	29 WASHER MS35338-135.....4	46 BUTTON 10034407-5.....2
12 WASHER MS35338-136.....2	30 RELAY 9157483.....2	
13 WASHER MS15795-806.....2	31 SCREW 9157788-26.....4	
14 CAPACITOR CM588G103G03.....1	32 SEMICONDUCTOR DEVICE	
15 WASHER 8024666.....4	JAN1N647.....2	
16 BUSHING 8628885.....2	33 SCREW 9157788-45.....2	
17 RESISTOR 9010255.....1	34 WASHER MS35338-136.....4	
18 RESISTOR RV4LAYSA103F.....2	35 WASHER MS15795-806.....2	

\* FOR AMPLIFIER-10184764  
 \*\* FOR AMPLIFIER-10668152  
 \*\*\* FURNISHED WITH ITEMS 18 AND 19

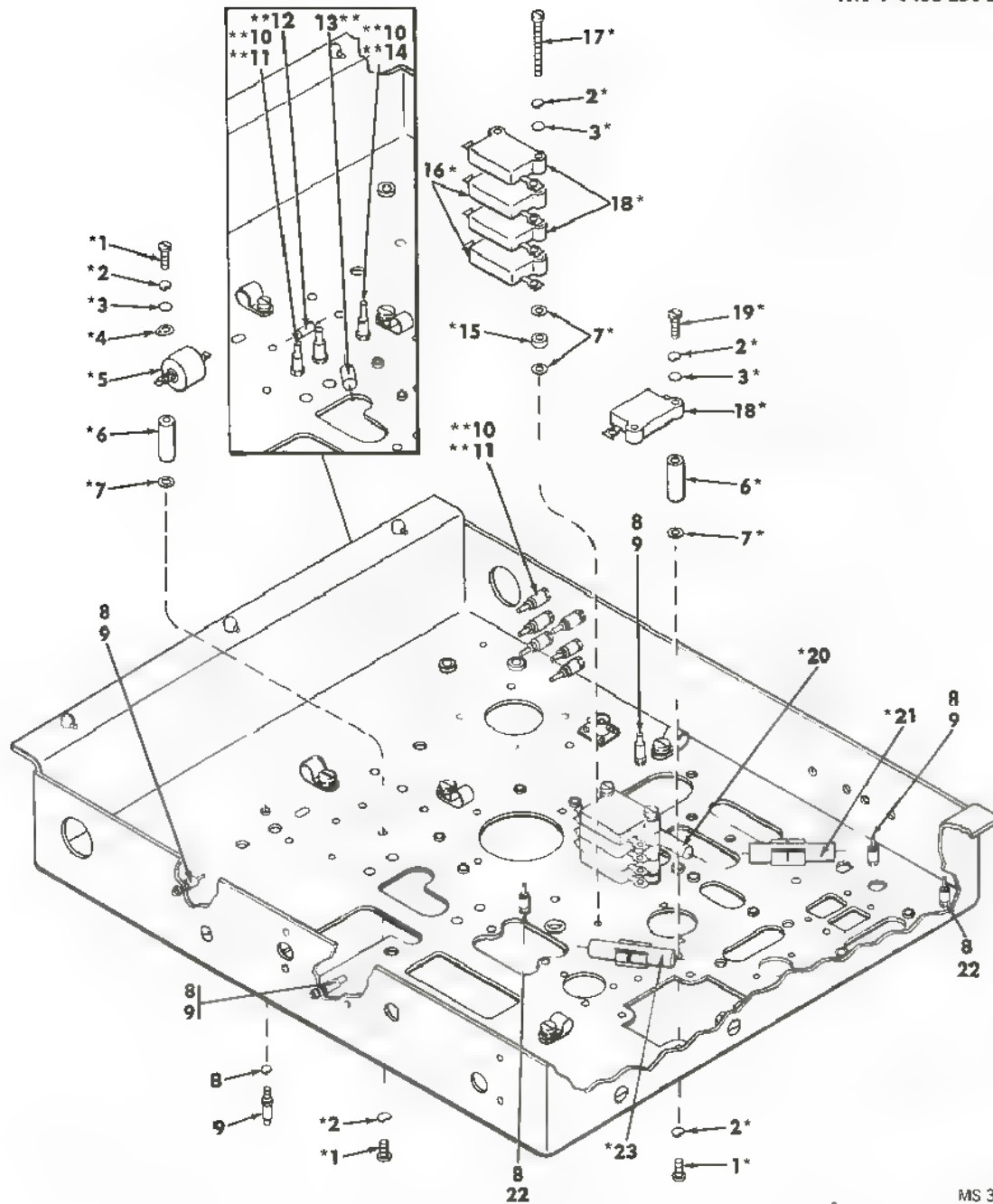
FIGURE 16. AMPLIFIER, TRIGGER PULSE / 10184764 AND 10668152/-PARTIAL EXPLODED VIEW



ORD G334084

FIGURE 17. AMPLIFIER, TRIGGER PULSE /10184764 AND 10668152/-PARTIAL EXPLODED VIEW



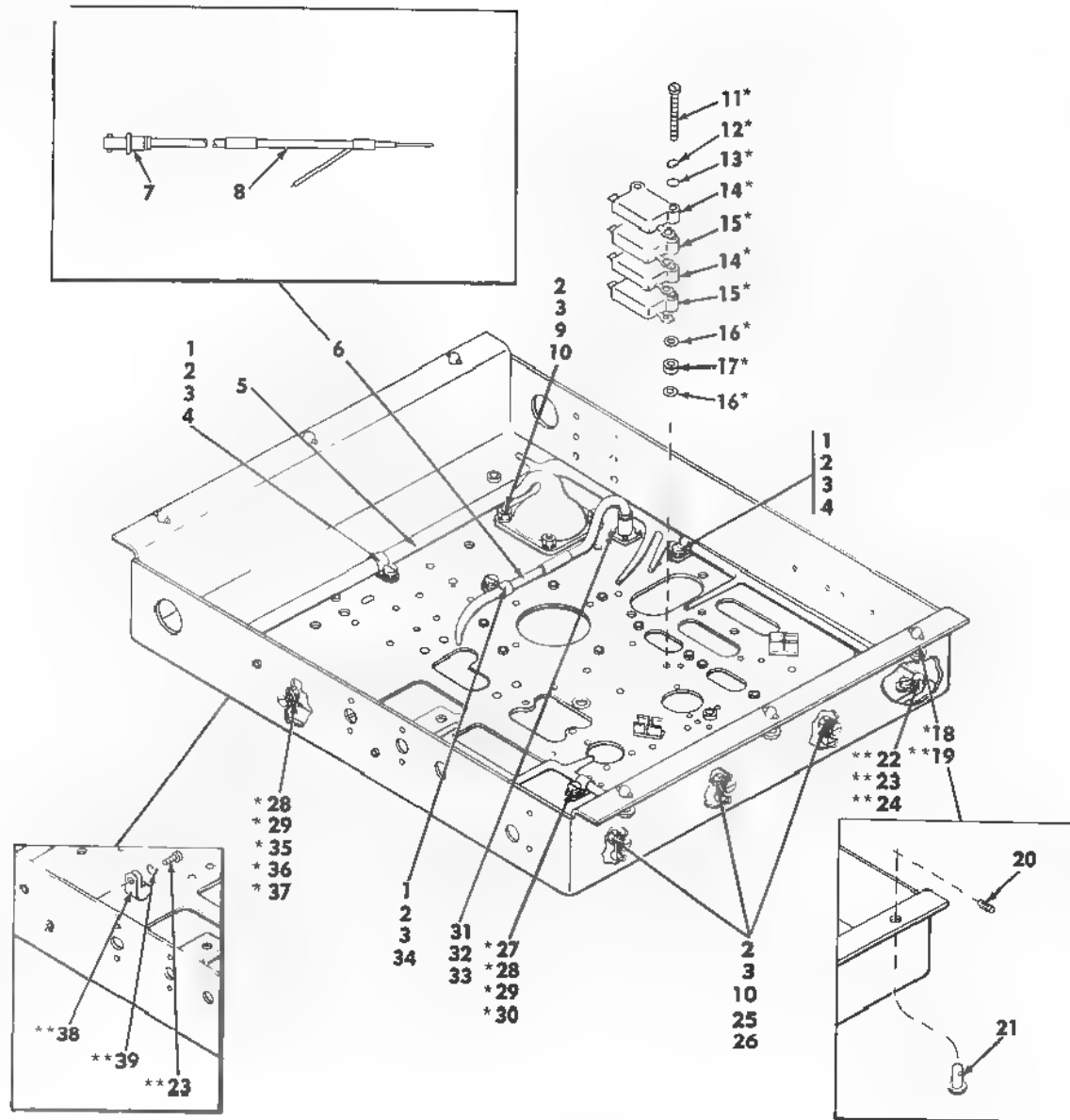


MS 334085A

1	SCREW 9157788-41.....6	10	WASHER MS35338-135.....9	19	SCREW 9157788-42.....2
2	WASHER MS35338-136.....10	11	TERMINAL 7602353.....9	20	RESISTOR 9012077.....1
3	WASHER MS15795-806.....6	12	RESISTOR RCR42G342JS.....1	21	RESISTOR 8518555.....1
4	TERMINAL 8177048.....2	13	RESISTOR RC42GF392J.....1	22	TERMINAL 7602353.....2
5	CAPACITOR 9145285.....1	14	TERMINAL 7599264.....1	23	RESISTOR 9137398.....1
6	INSULATOR NL522ND1-008.....4	15	BUSMING 8628885.....2		
7	WASHER 9024665.....8	16	CAPACITOR CM458132JN3.....2		
8	WASHER MS35338-135.....7	17	SCREW AN515C6P36.....2		
9	TERMINAL 7599264.....5	18	CAPACITOR CM508K272G03.....3		

\* FOR AMPLIFIER-10184764  
\*\* FOR AMPLIFIER-10668152

FIGURE 18. AMPLIFIER, TRIGGER PULSE /10184764 AND 10668152/-PARTIAL EXPLODED VIEW

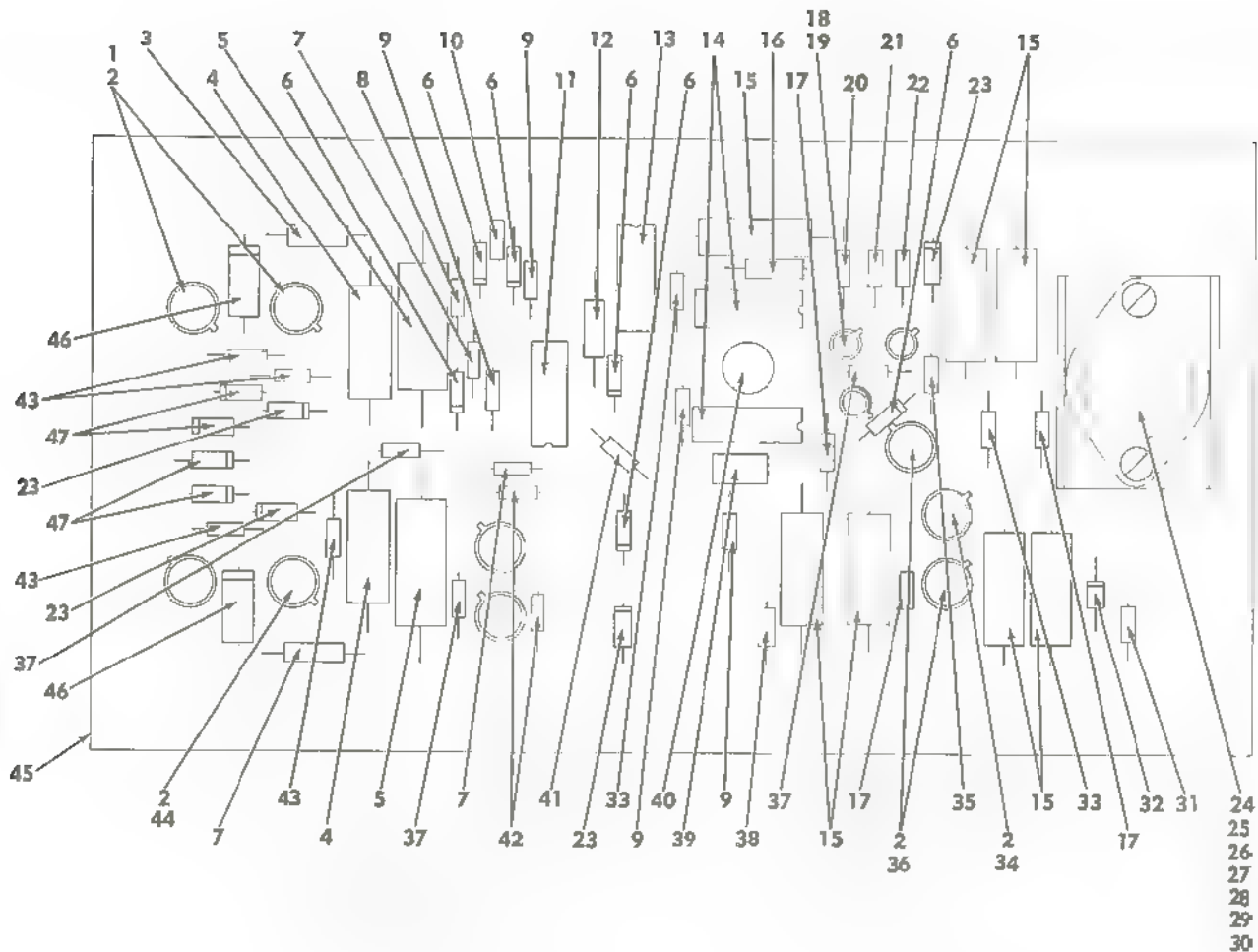


MS 334086A

1	SCREW 9157788-54.....3	14	CAPACITOR CM45BK431G03.....2	29	WASHER MS35338-137.....2
2	WASHER MS35338-137.....10	15	CAPACITOR CM45B20LJN3.....2	30	WASHER MS15795-807.....2
3	WASHER MS15795-807.....10	16	WASHER 8024666.....4	31	SCREW 9157789-14.....4
4	CLAMP NAS1397K6N.....2	17	BUSHING 8628885.....2	32	WASHER AN935-3.....4
5	WIRING HARNESS 9140920.....1	18	CHASSIS 9139487.....1	33	CONNECTOR 9002986.....1
	SEE FIGURE 27A, NUMBER 1	19	CHASSIS 10667208.....1	34	CLAMP NAS1397K5N.....1
	FOR DETAILS	20	PIN 7598936.....6	35	CLAMP NAS1397K6N.....1
6	CABLE ASSEMBLY 8512373.....1	21	STD 7598948.....6	36	NUT MS35649-284.....1
	7 CONNECTOR 9002986.....1	22	CLAMP NAS1397K3N.....1	37	SCREW 9157792-63.....1
	8 CABLE 3595.....1	23	SCREW 9157788-54.....3	38	CLAMP NAS1397K6N.....1
9	SCREW 9157788-57.....4	24	WASHER R633840.....1	39	WASHER MS35338-137.....1
10	NUT MS35649-284.....7	25	SCREW 9157792-63.....3		
11	SCREW 9157788-49.....2	26	CLAMP NAS1397K3N.....3		
12	WASHER MS35338-136.....2	27	SCREW 9157788-54.....1		
13	WASHER MS15795-806.....2	28	CLAMP NAS1397K4N.....1		

\* FOR AMPLIFIER-10184764  
\*\* FOR AMPLIFIER-10668152

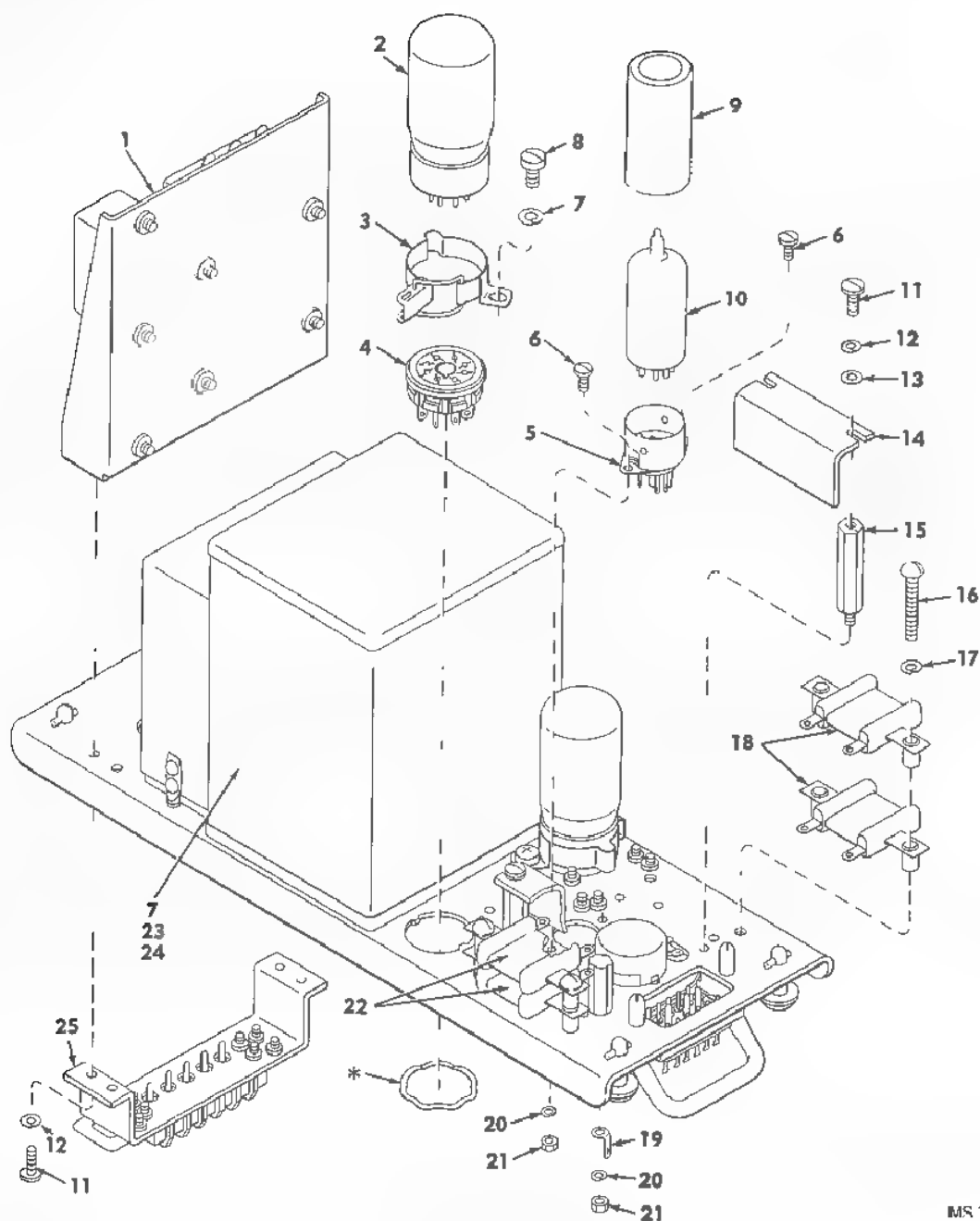
FIGURE 19. AMPLIFIER, TRIGGER PULSE /10184764 AND 10668152/-PARTIAL EXPLODED VIEW



ORD G334087

1	TRANSISTOR	JAN2N2219A.....2	18	TRANSISTOR	JAN2N2222A.....3	34	TRANSISTOR	2N3506.....1
2	RETAINER	10667817-1.....3	19	RETAINER	10667817-2.....3	35	RESISTOR	RCR07G181JS.....1
3	RESISTOR	RCR20G562JS.....1	20	RESISTOR	RCR07G223JS.....1	36	TRANSISTOR	10658330.....2
4	CAPACITOR	M39003-01-2262.....2	21	RESISTOR	RCR07G222JS.....1	37	RESISTOR	RCR07G271JS.....3
5	CAPACITOR	M29003-01-2313.....2	22	RESISTOR	RCR07G330JS.....1	38	SEMICONDUCTOR DEVICE	9156901.....1
6	SEMICONDUCTOR DEVICE	JAN1N914.....6	23	SEMICONDUCTOR DEVICE	JAN1N750A.....4	39	CAPACITOR	CM04FA331FP3.....1
7	RESISTOR	RCR20C472JS.....3	24	TRANSISTOR	10658363.....1	40	CAPACITOR	CV31D350.....1
8	RESISTOR	RCR07G152JS.....1	25	SCREW	9157788-41.....2	41	RESISTOR	RCR07G272JS.....1
9	RESISTOR	RCR07G103JS.....4	26	WASHER	MS35338-136.....2	42	RESISTOR	RCR07G681JS.....2
10	CAPACITOR	M39014-02-1350.....1	27	WASHER	MS15745-805.....2	43	RESISTOR	RCR07G331JS.....4
11	MICROCIRCUIT	10658278.....1	28	NUT	MS35649-264.....2	44	TRANSISTOR	2N2905A.....4
12	RESISTOR	RCR20G750JS.....1	29	HEAT SINK	10666573.....1	45	PRINTED CIRCUIT BOARD	10666990-38.....1
13	MICROCIRCUIT	10658281.....1	30	INSULATOR	10666574.....1	46	SEMICONDUCTOR DEVICE	IN3024B.....2
14	MICROCIRCUIT	10658282.....2	31	RESISTOR	RCR07G287JS.....1	47	SEMICONDUCTOR DEVICE	JAN1N647.....4
15	CAPACITOR	M39003-01-2296.....7	32	SEMICONDUCTOR DEVICE	10658371.....1			
16	CAPACITOR	M39003-01-2357.....2	33	RESISTOR	RCR07G392JS.....2			
17	RESISTOR	RCR07G102JS.....3						

FIGURE 20. ELECTRONIC COMPONENTS ASSEMBLY /10666990/-EXPLODED VIEW  
/SEE FIGURE 12 FOR NEXT HIGHER ASSEMBLY/

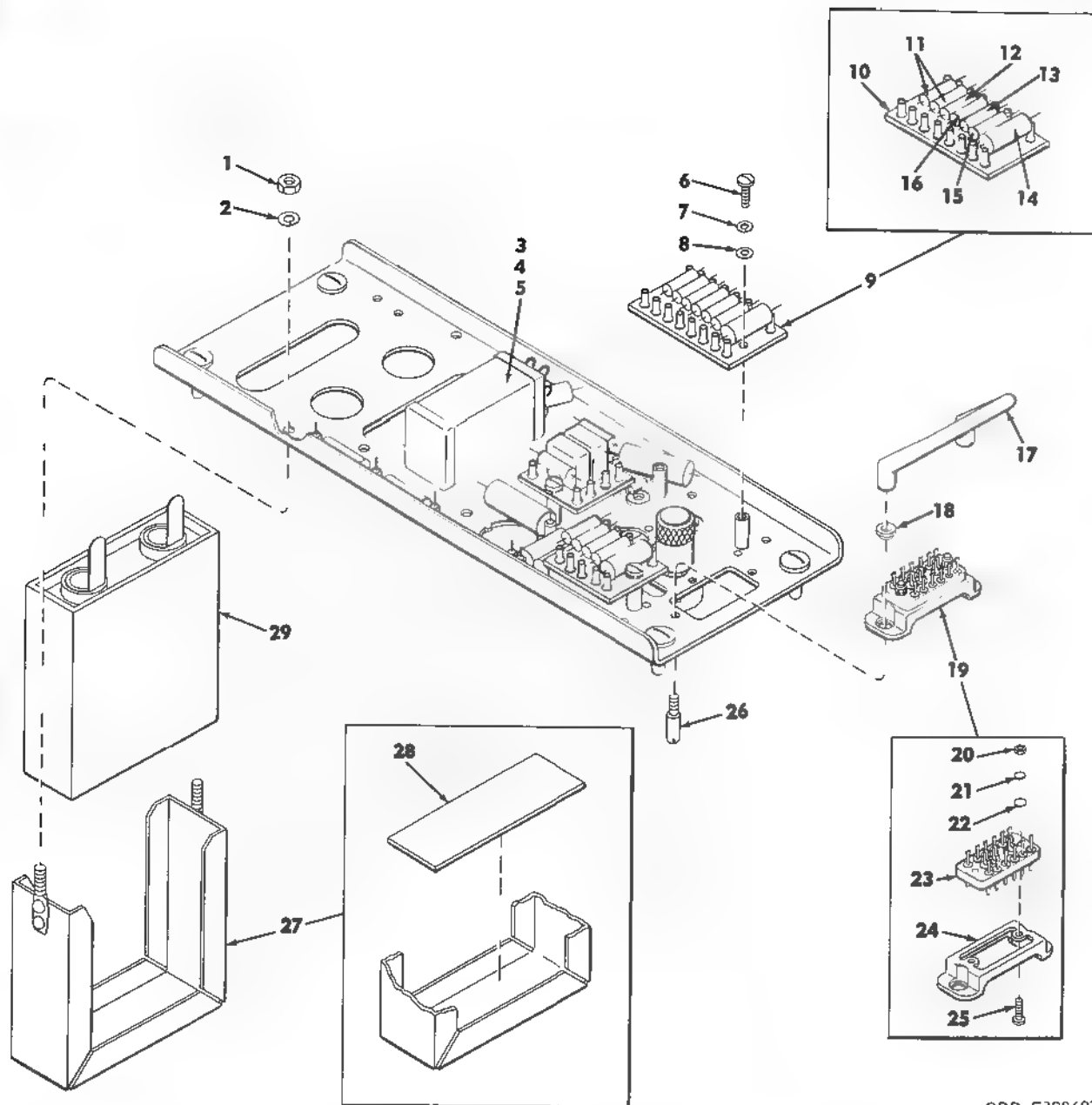


MS 328606B

1	CAPACITOR ASSEMBLY	10	ELECTRON TUBE 12AX7WA.....1	21	NUT MS35649-244.....2
	SEE FIGURE 24 FOR DETAILS	11	SCREW MS51957-29.....8	22	RESISTOR RW20V102.....2
2	ELECTRON TUBE 6384.....2	12	WASHER MS35338-136.....8	23	AMPLIFIER 8516221.....1
3	RETAINER 8531062.....2	13	WASHER MS15795-806.....4	24	NUT MS35649-204.....4
4	SOCKET 9510078.....2	14	SHIELD 8172463.....2	25	TERMINAL BOARD 9995925.....1
5	SOCKET 1030089.....1	15	STUD 8172473.....4		SEE FIGURE 25 FOR DETAILS
6	SCREW 9157788-25.....2	16	SCREW 9157788-61.....4		
7	WASHER MS35338-138.....6	17	WASHER MS35338-42.....4		
8	SCREW 9157788-7.....2	18	RESISTOR RW20V511.....2		
9	SHIELD M24251-6-5.....1	19	TERMINAL 8177439.....1		
		20	WASHER MS35338-125.....2		

\* FURNISHED WITH ITEM 4

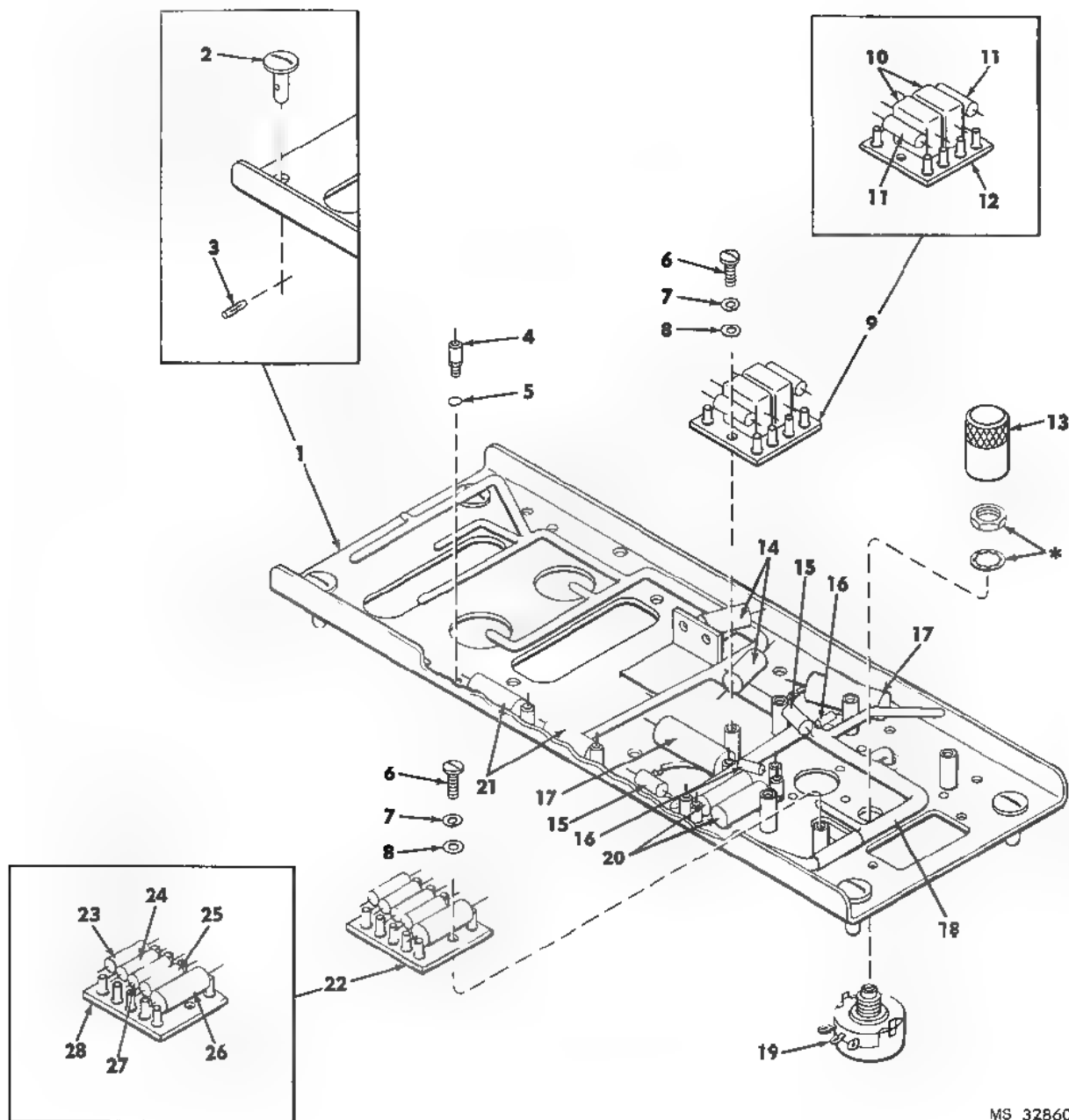
FIGURE 23. AMPLIFIER, ELECTRONIC CONTROL /HIGH POWER/ /10668151/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 4 FOR NEXT HIGHER ASSEMBLY/



ORD G328607

1 NUT MS35649-204.....2	11 RESISTOR 10658232.....2	20 NUT 221123.....2
2 WASHER MS35338-138.....2	12 RESISTOR 10658232-3.....1	21 WASHER AN935-3.....2
3 NUT MS35649-284.....2	13 RESISTOR RN70G4642F.....1	22 WASHER 7601537.....2
4 WASHER MS35338-137.....2	14 RESISTOR RN75C1213F.....1	23 CONNECTOR 7598934.....1
5 REACTOR 8516225.....1	15 RESISTOR 9002937.....1	24 BRACKET 7598013.....1
6 SCREW MS51957-29.....2	16 RESISTOR 10658232-2.....1	25 SCREW 9144074.....2
7 WASHER MS35338-136.....2	17 HANDLE 7598052.....1	26 SCREW 7598011.....2
8 WASHER MS15795-806.....2	18 SPACER 7598014.....2	27 COVER 7604342.....1
9 TERMINAL BOARD 8172468.....1	19 CONNECTOR 7598051.....1	28 PAD 7598088.....1
10 TERMINAL BOARD 8172470.....1		29 CAPACITOR 8512672.....1

FIGURE 22. AMPLIFIER, ELECTRONIC CONTROL /HIGH POWER/ /10668151/-PARTIAL EXPLODED VIEW



MS 3286086

1	CHASSIS 8172462.....1	11	RESISTOR 9137472.....2	22	TERMINAL BOARD ASSEMBLY
2	STUD 7602747.....4	12	TERMINAL BOARD	8172469.....1	
3	PIN 7598936.....4	8172755.....1		23	RESISTOR 10658232-3.....1
4	TERMINAL 7598949.....8	13	SHAFT LOCK 7598938.....1	24	RESISTOR 10658232-2.....1
5	WASHER MS35338-135.....8	14	RESISTOR RCR42G333JS.....2	25	RESISTOR 9002937.....1
6	SCREW MS51957-29.....4	15	RESISTOR RCP32G470JS.....2	26	RESISTOR RN75C1213F.....1
7	WASHER MS35338-136.....4	16	RESISTOR RCR20G470JS.....2	27	RESISTOR RNT0G4642F.....1
8	WASHER MS15795-806.....4	17	RESISTOR RC42GF272J.....2	28	TERMINAL BOARD 8172471.....1
9	TERMINAL BOARD ASSEMBLY	18	WIRING HARNESS 8172991.....1		
8172756.....1		19	RESISTOR RV4LAY5A502A.....1		
10	CAPACITOR	20	RESISTOR 10658232-4.....2		
CM35FC103603.....2		21	RESISTOR RN75G38R3F.....2		

\* FURNISHED WITH ITEM 19

FIGURE 23. AMPLIFIER, ELECTRONIC CONTROL /HIGH POWER/ /10668151/-PARTIAL EXPLODED VIEW



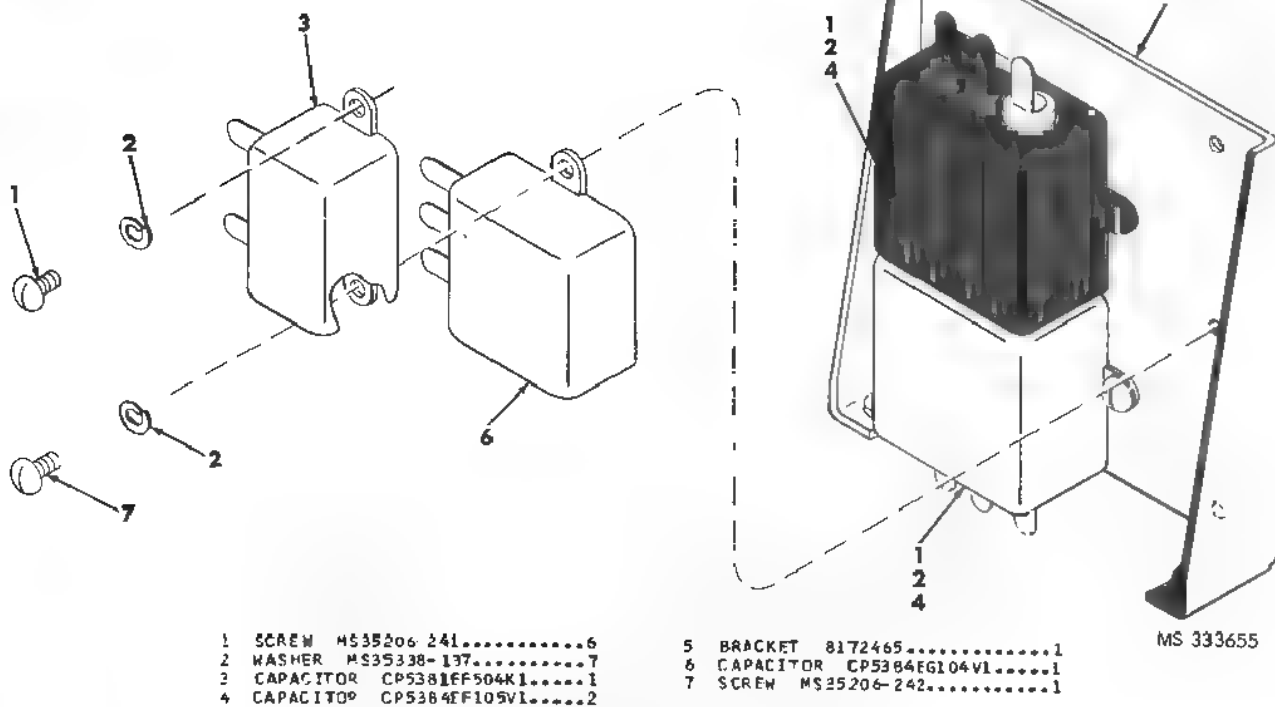


FIGURE 24. CAPACITOR ASSEMBLY /8172464/-EXPLODED VIEW  
 /SEE FIGURE 21 FOR NEXT HIGHER ASSEMBLY/

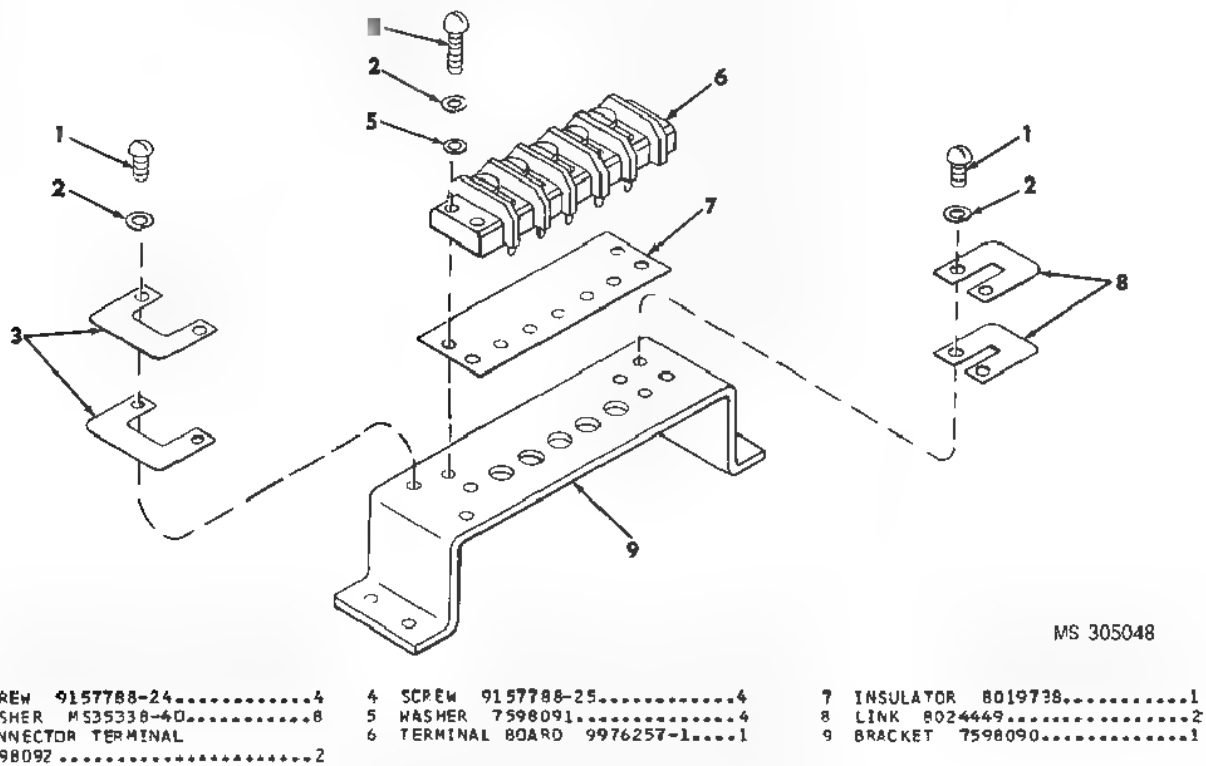


FIGURE 25. TERMINAL BOARD /9995925/-EXPLODED VIEW  
 /SEE FIGURE 21 FOR NEXT HIGHER ASSEMBLY/

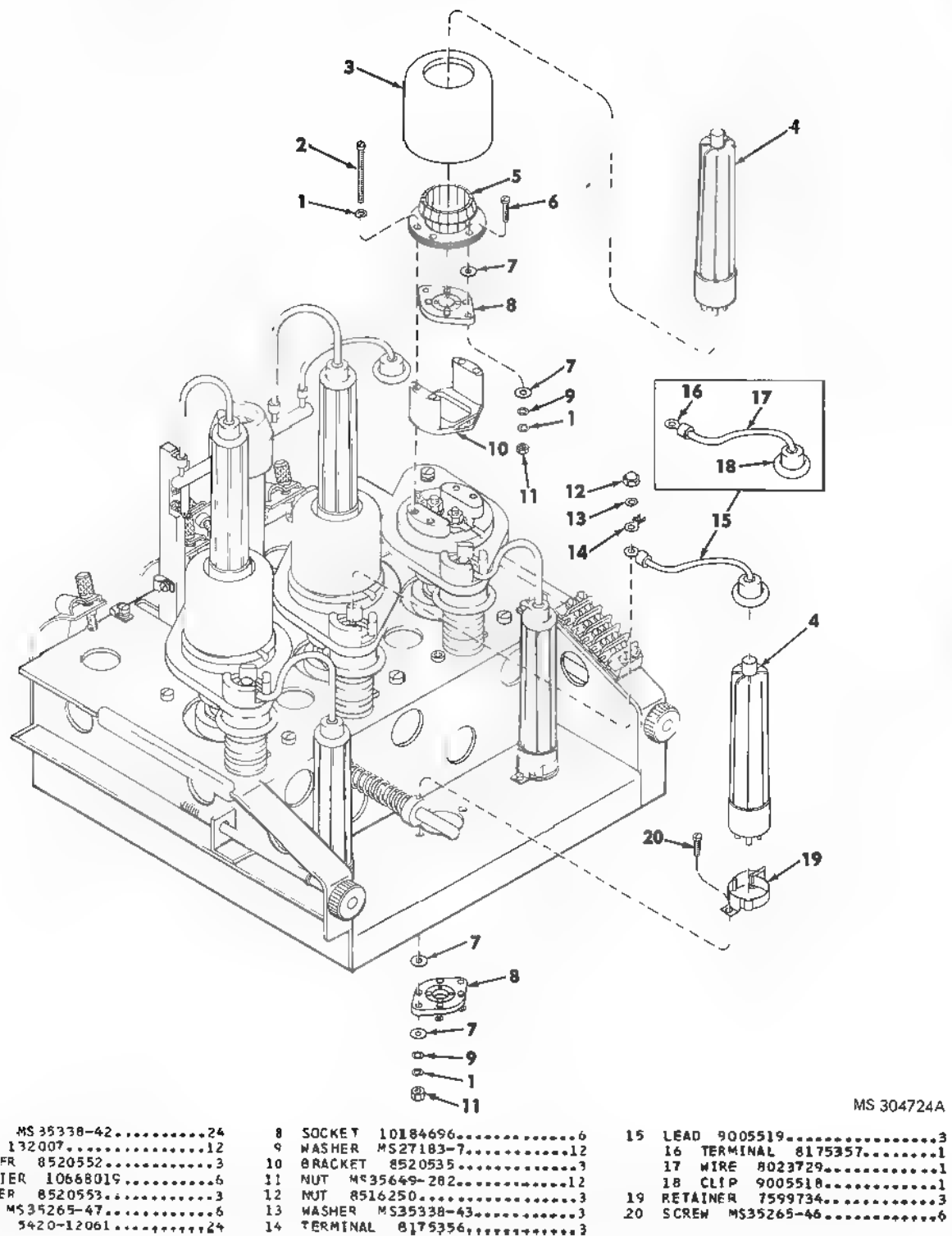
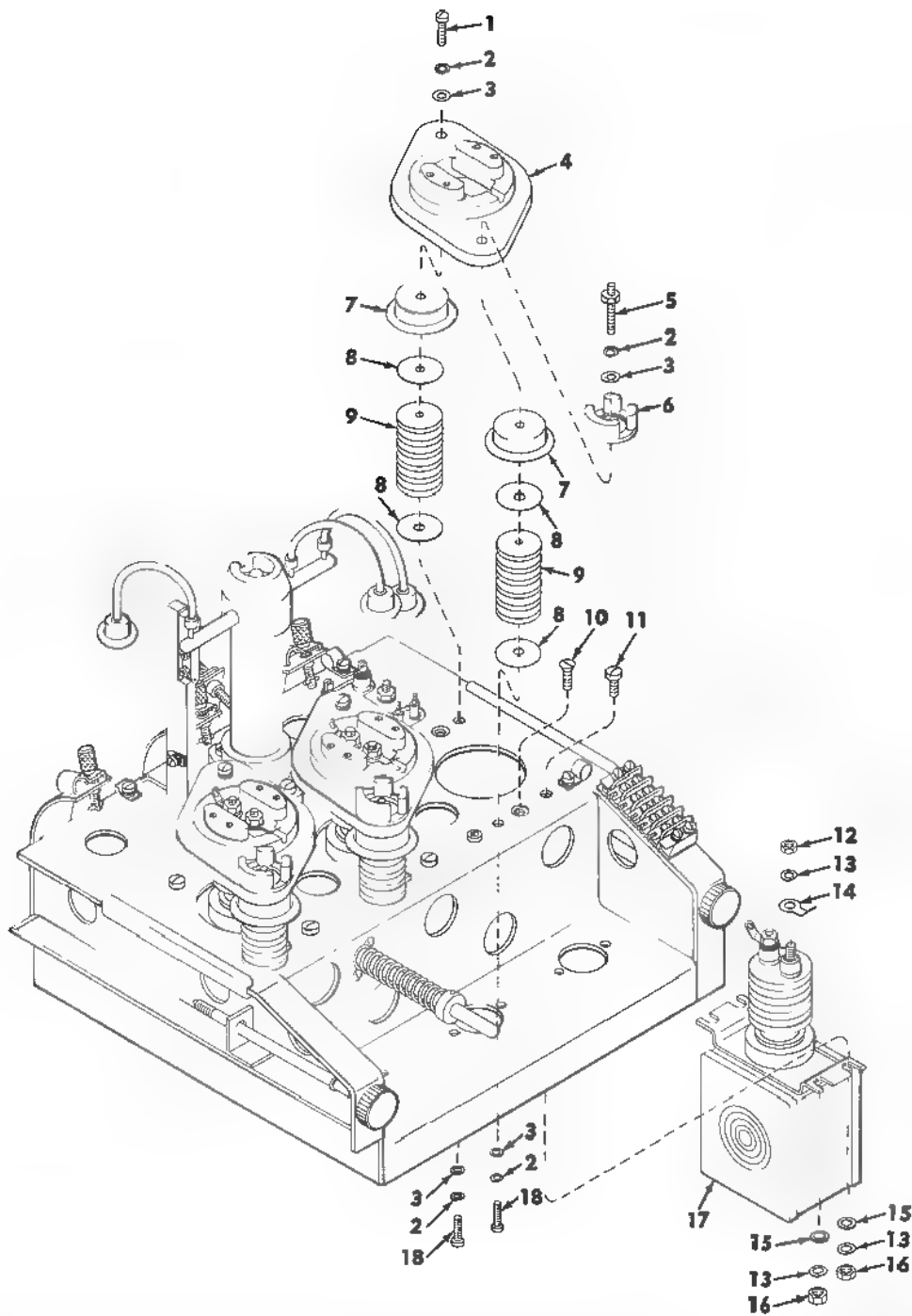


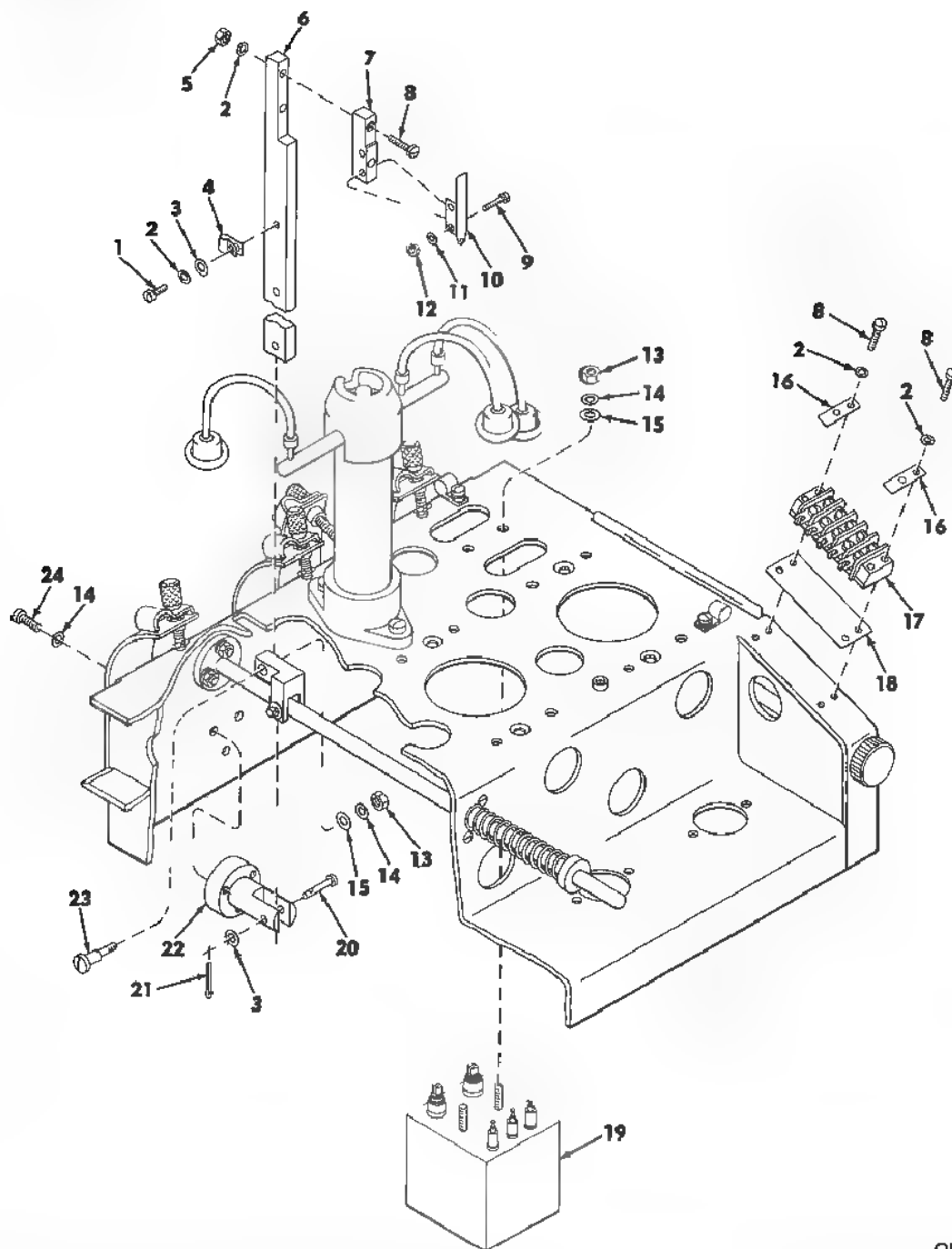
FIGURE 26. POWER SUPPLY SUBASSEMBLY /8520524/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 4 FOR NEXT HIGHER ASSEMBLY/



ORD G280503

1 SCREW MS35265-65.....3	7 SHIELD 8520540.....6	13 WASHER MS35338-44.....18
2 WASHER MS35338-43.....12	8 WASHER 8520537.....12	14 TERMINAL 7612830.....6
3 WASHER MS27183-8.....12	9 INSULATOR 8520541.....3	15 WASHER MS27183-10.....12
4 PLATF 8517590.....3	10 SCREW MS35190-288.....6	16 NUT MS51967-2.....12
5 STUD 8520538.....3	11 SCREW MS35265-80.....6	17 TRANSFORMER 7605559.....3
6 SHIELD 8520536.....3	12 NUT MS51968-2.....6	18 SCREW MS35265-65.....6

FIGURE 27. POWER SUPPLY SUBASSEMBLY /8520524/-PARTIAL EXPLODED VIEW



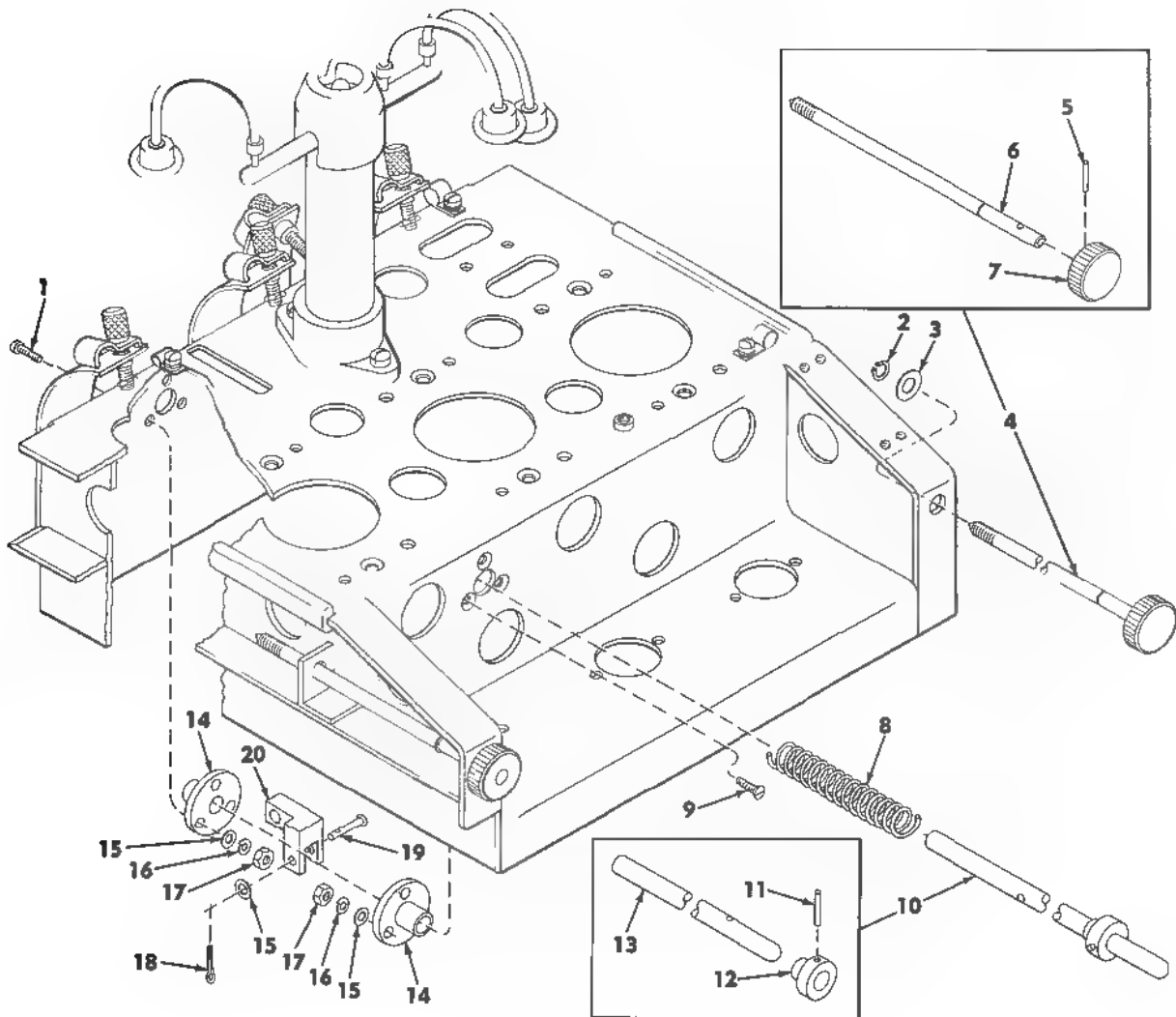
ORD G304725

1 SCREW MS35265-45.....1  
2 WASHER MS35338-42.....7  
3 WASHER MS27183-7.....2  
4 CLAMP NAS1397K2N.....1  
5 NUT MS35649-292.....2  
6 ARM 8520530.....1  
7 INSULATOR #520550.....1  
8 SCREW MS35265-47.....6  
9 SCREW MS35265-31.....2

10 CONTACT 8520551.....1  
11 WASHER MS35338-41.....2  
12 NUT MS35649-262.....2  
13 NUT MS35649-202.....3  
14 WASHER MS35338-43.....6  
15 WASHER MS27183-8.....3  
16 STRIP 7599701.....2  
17 TERMINAL BOARD  
MILY55164TY38TB5.....1

18 INSULATOR 8023733.....1  
19 TRANSFORMER 8519428.....1  
20 PIN 8519428.....1  
21 PIN MS24665-191.....1  
22 PIN 8520546.....1  
23 SCREW 8520531.....1  
24 SCREW MS35265-64.....3

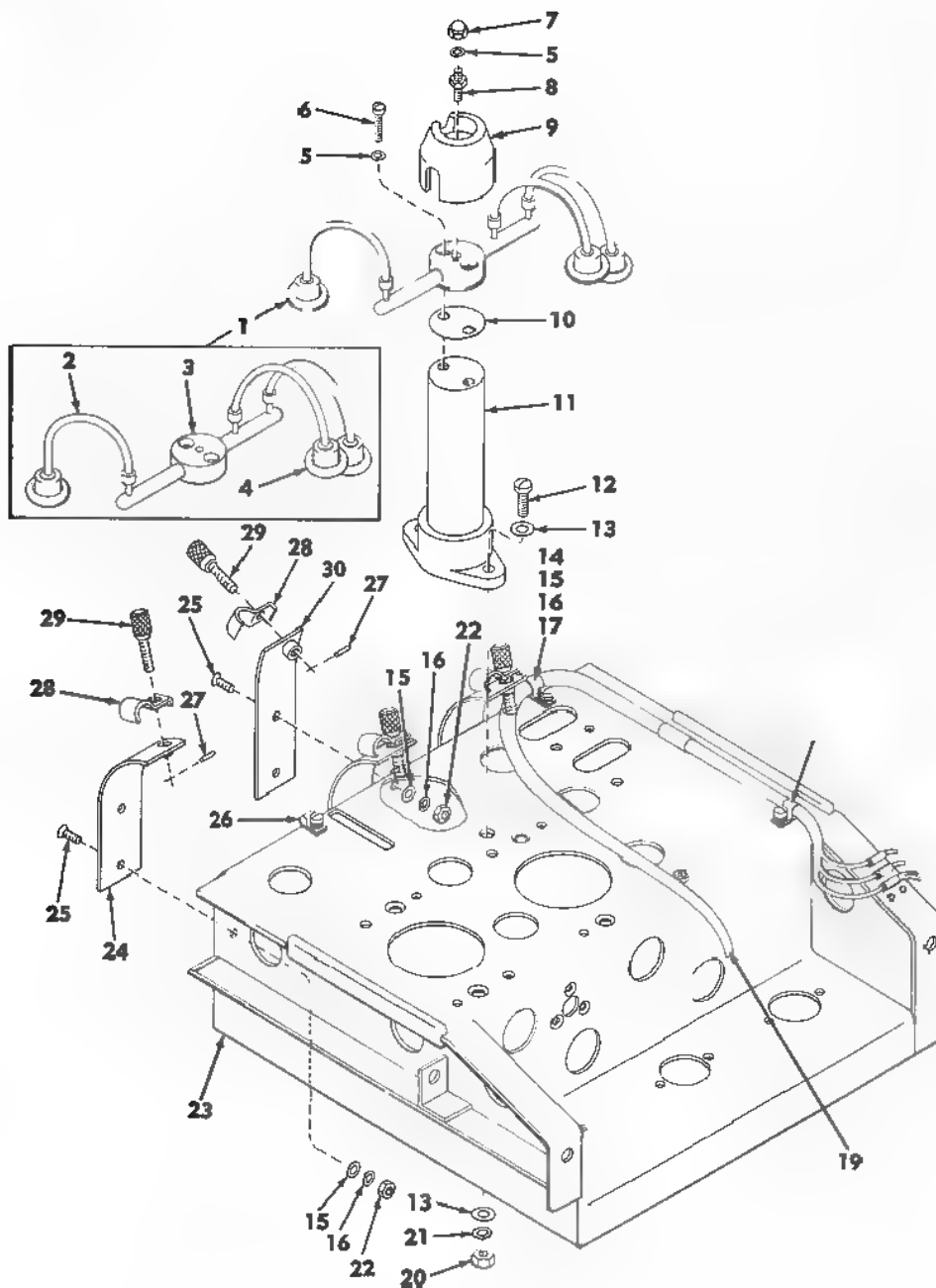
FIGURE 28. POWER SUPPLY SUBASSEMBLY /8520524/-PARTIAL EXPLODED VIEW



ORD G280505

1	SCREW MS35265-46.....	3	8	SPRING 8520549.....	1	15	WASHER MS27183-7.....	7
2	RING MS16624-1031.....	2	9	SCREW MS35190-254.....	3	16	WASHER MS35338-42.....	6
3	WASHER MS27183-12.....	2	10	BAR ASSEMBLY 9000050.....	1	17	NUT MS35649-282.....	6
4	THUMBSCREW 9000397.....	2	11	PIN MS16562-207.....	1	18	PIN MS24665-191.....	1
5	PIN MS16562-206.....	1	12	COLLAR 8520548.....	1	19	PIN 8519426.....	1
6	PIN 8520683.....	1	13	HANDLE 8520547.....	1	20	CLEVIS 8520532.....	1
7	KNOB 8520554.....	1	14	BUSHING 8520533.....	2			

FIGURE 29. POWER SUPPLY SUBASSEMBLY /8520524/-PARTIAL EXPLODED VIEW

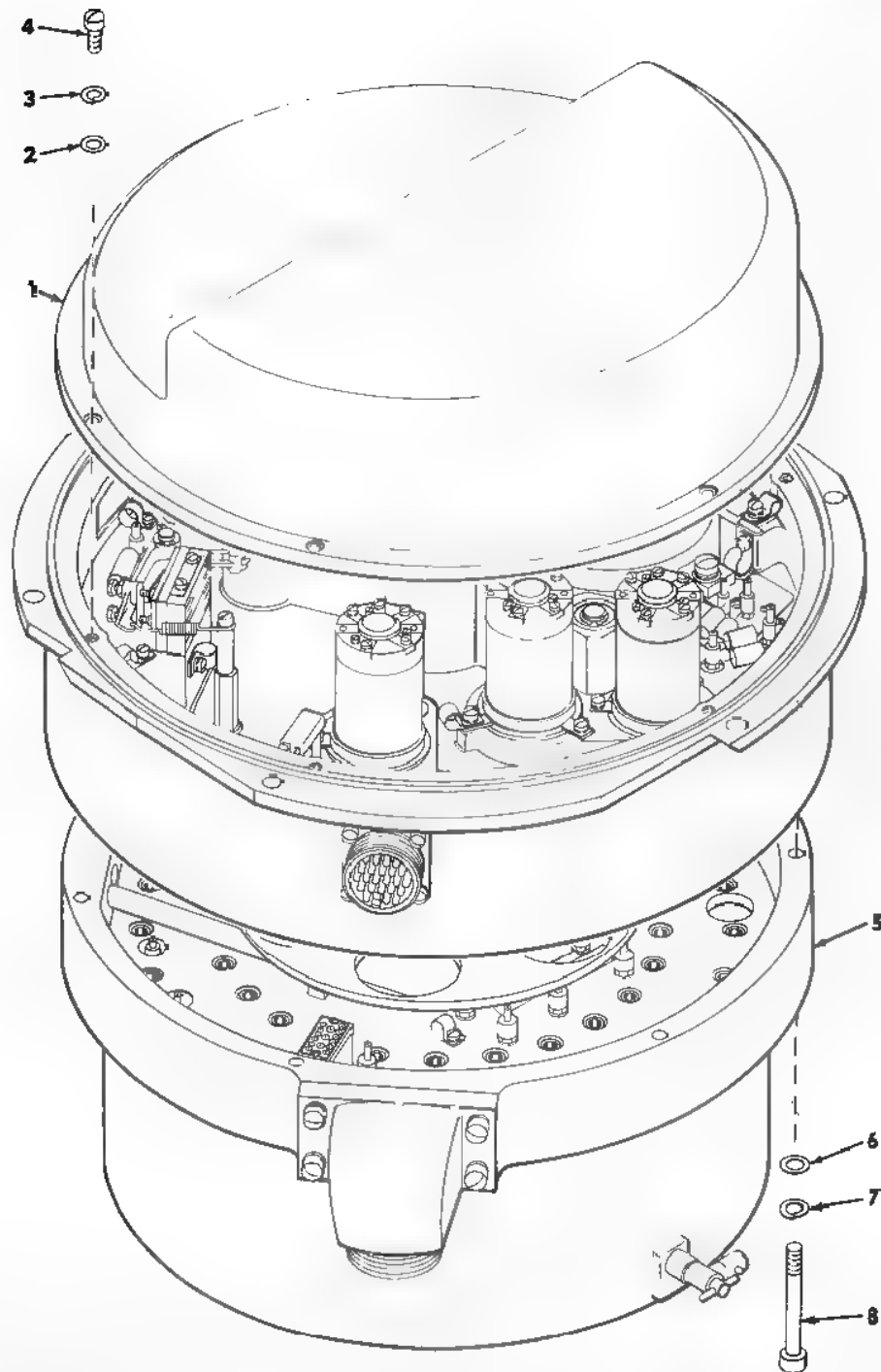


ORD G304726

1	CABLE 9005520.....1	11	INSULATOR MS3W3548.....1	22	NUT MS35649-282.....8
2	WIRE 8023729.....3	12	SCREW MS35265-82.....2	23	CHASSIS 8520525.....1
3	CONTACT ASSEMBLY 9005517.....1	13	WASHER MS27183-10.....4	24	BRACKET 8520529.....3
4	CLIP 9005518.....3	14	SCREW MS35265-45.....3	25	SCREW MS35190-253.....8
5	WASHER MS35338-43.....3	15	WASHER MS27183-7.....11	26	CLAMP NAS1397K2N.....1
6	SCREW MS35266-65.....2	16	WASHER MS35338-42.....11	27	PIN MS14562-194.....4
7	NUT 8516250.....1	17	CLAMP NAS1397K5N.....1	28	STRAP 8520544.....4
8	STUD 8520543.....1	18	CLAMP MS25281R4.....1	29	THUMBSCREW 8520545.....4
9	SHIFLD 8520555.....1	19	WIRING HARNESS 8517589.....1	30	BRACKET 8520528.....1
10	INSULATOR 8520542.....1	20	NUT MS51967-2.....2		
		21	WASHER MS35338-44.....2		

FIGURE 30. POWER SUPPLY SUBASSEMBLY /8520524/-PARTIAL EXPLODED VIEW

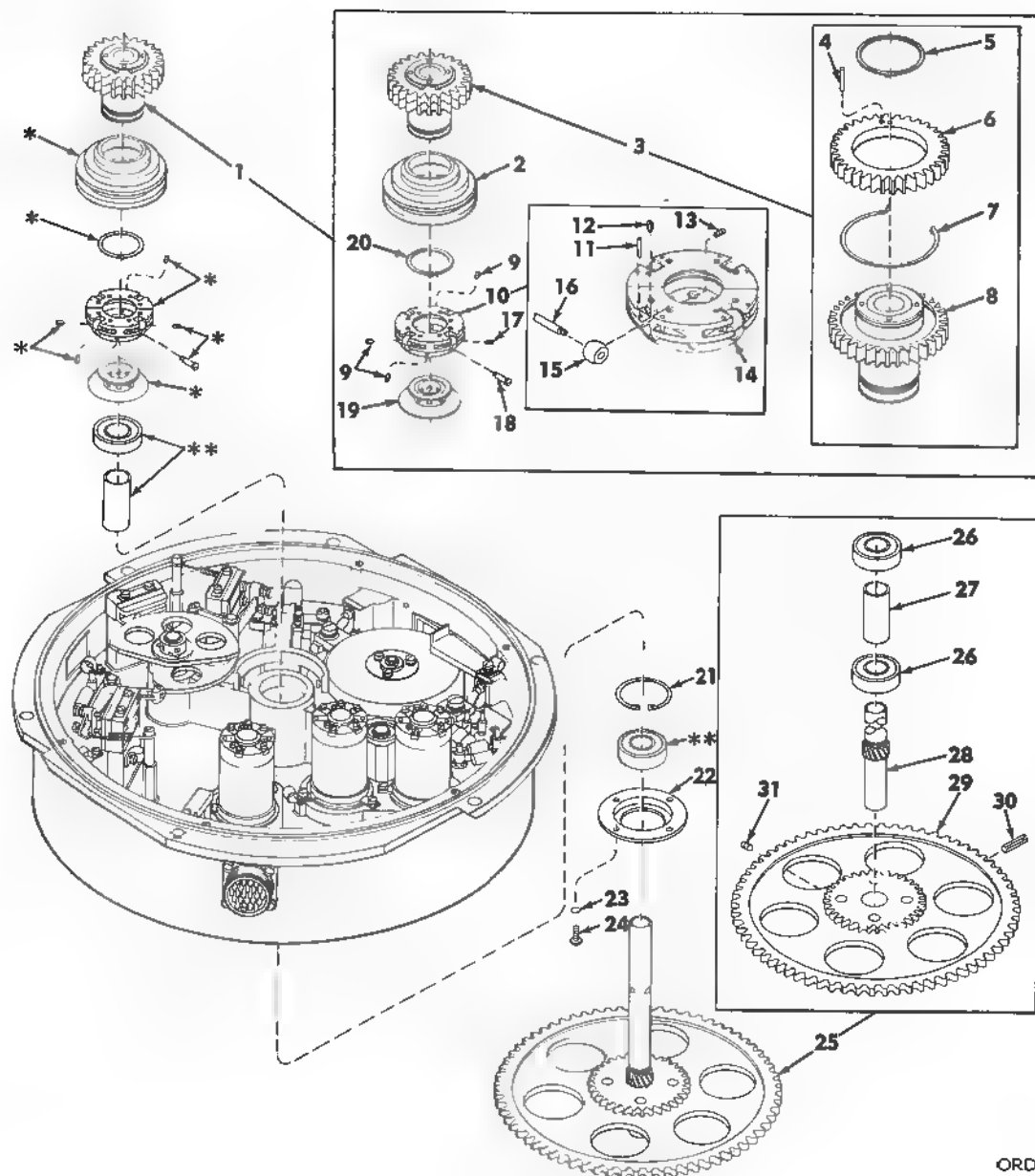




ORD G304727

1 COVER 8171749.....1	WASHER MS27183-10.....6
2 WASHER 8005253.....6	7 WASHER MS35338-44.....6
3 WASHER MS35338-43.....6	8 SCREW MS16997-69.....6
4 SCREW MS35236-264.....6	
5 TRANSMITTER 9006523.....1	
SEE FIGURE 39 FOR DETAILS	

FIGURE 31. TRANSMITTER, POSITION, GUIDED MISSILE /9007947/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 5 FOR NEXT HIGHER ASSEMBLY/



ORD G284480

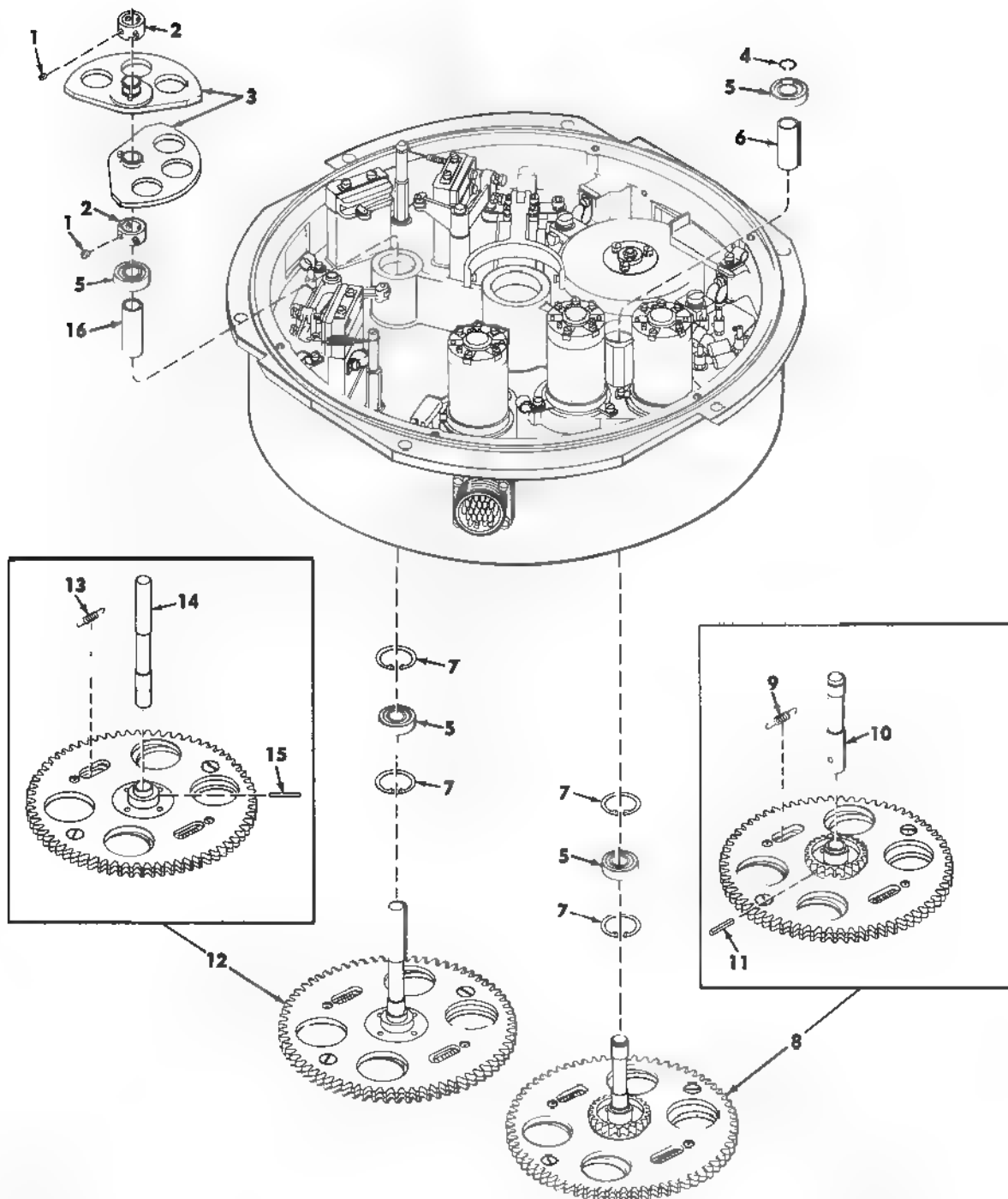
- 1 GEAR 9142740.....1
- 2 CUP 8520118.....1
- 3 GEAR ASSEMBLY  
8171740.....1
- 4 PIN MS16562-225.....1
- 5 RING MS16624-  
1156.....1
- 6 GEAR 8171737.....1
- 7 SPRING 8171727.....1
- 8 GEAR 8171739.....1
- 9 SETSCREW 445887.....3
- 10 CLAMP ASSEMBLY  
8520132.....1
- 11 PIN 8520131.....8

- 12 SETSCREW MS51049-  
8.....8
- 13 SETSCREW MS51977-  
19.....8
- 14 CLAMP 8520116.....1
- 15 BEARING 8520128.....4
- 16 SHAFT CLAMP  
ASSEMBLY 8520134.....4
- 17 SETSCREW MS51963-34.....1
- 18 SCREW 8520123.....4
- 19 COLLAR 8520117.....1
- 20 RING MS16624-1137.....1
- 21 RING MS16625-1162.....1
- 22 PLATE 8008616.....1

- 23 WASHER MS35338-42.....4
- 24 SCREW MS35206-245.....4
- 25 GEARSHAFT 9142751.....1
- 26 BEARING 9144127.....2
- 27 SPACER 8008713.....1
- 28 GEAR 8171720.....1
- 29 GEAR CLUSTER 8171719.....1
- 30 PIN MS171627.....1
- 31 SETSCREW MS51963-40.....1

\* COMPONENT OF ITEM 1  
\*\* COMPONENT OF ITEM 25

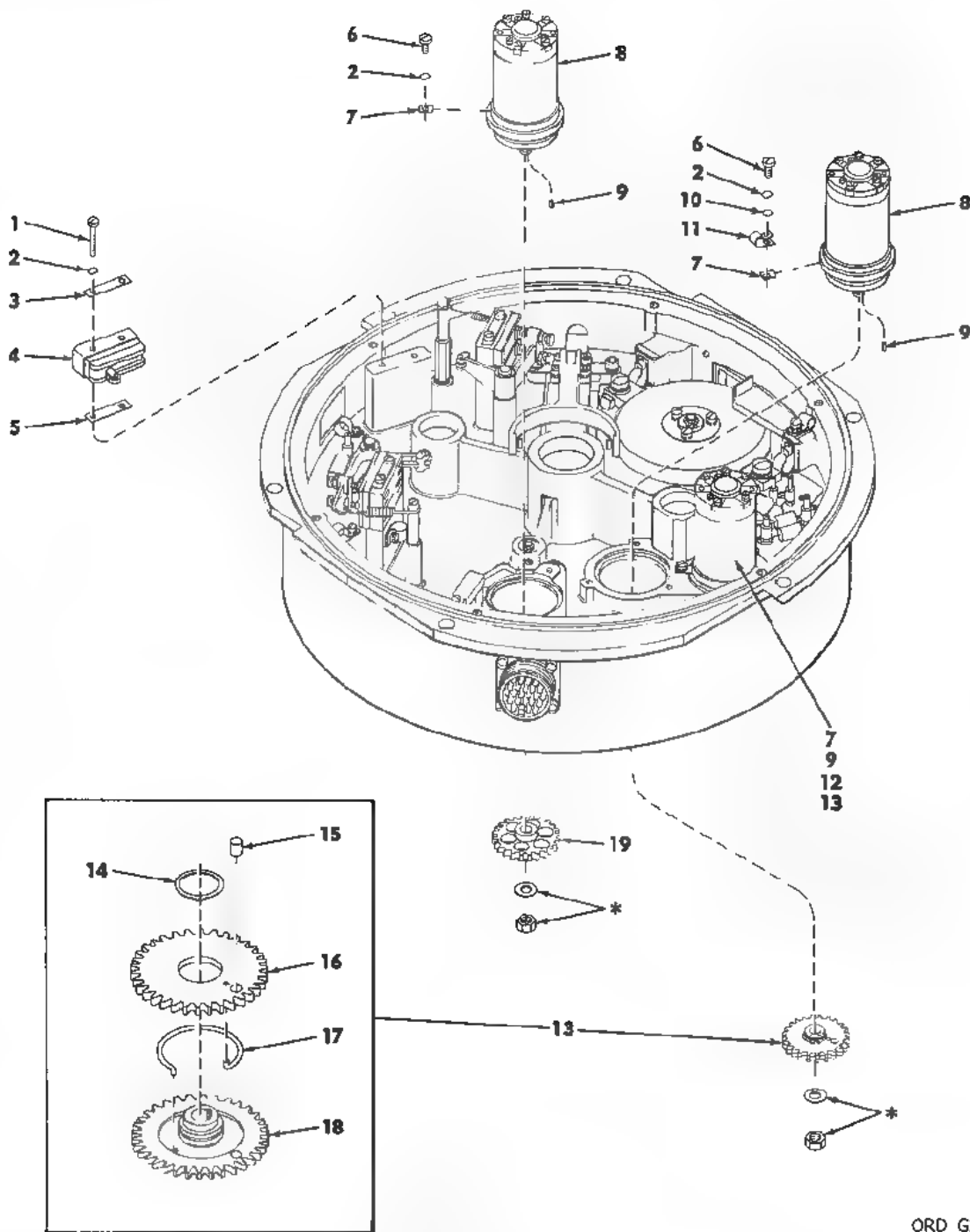
FIGURE 32. TRANSMITTER, POSITION, GUIDED MISSILE /9007947/ PARTIAL EXPLODED VIEW



ORD G280507

1 SETSCREW MS51964-48.....8	7 RING MS16625-1112.....4	13 SPRING 8006055.....2
2 COLLAR 8008625.....2	8 GEAR ASSEMBLY 8171715.....1	14 SHAFT 8172955.....1
3 CAM 8171703.....2	9 SPRING 8006056.....2	15 PIN MS16562-232.....1
4 RING MS16626-2050.....1	10 SHAFT 8171714.....1	16 SPACER 8008712.....1
5 BEARING 7611994.....4	11 PIN MS16562-232.....1	
6 SPACER 8008711.....1	12 GEAR ASSEMBLY 8171711.....1	

FIGURE 33. TRANSMITTER, POSITION, GUIDED MISSILE /9007947/-PARTIAL EXPLODED VIEW

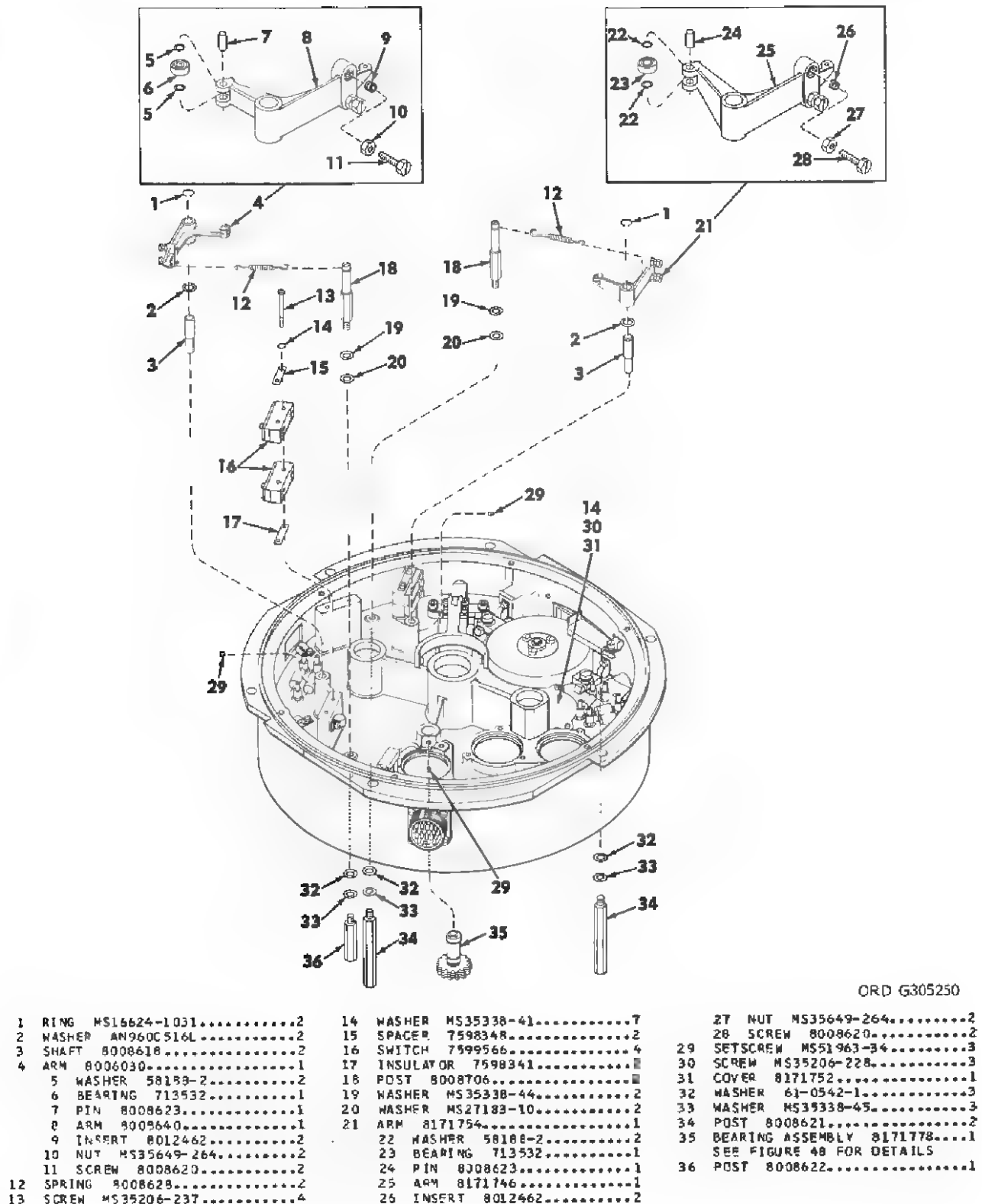


ORD G280508

1 SCREW AN50046-13.....2	9 KEY 7601131.....3	17 SPRING 8006041.....1
2 WASHER MS35338-41.....11	10 WASHER MS27183-5.....1	18 GEAR 8006039.....1
3 SPACER 7598348.....1	11 CLAMP NAS1397K 5N.....1	19 GEAR 8171741.....1
4 SWITCH 7599567.....1	12 SYNCHRO 7676906.....1	
5 INSULATOR 7598341.....1	13 GEAR 8006038.....2	
6 SCREW MS35206-228.....9	14 RING MS16624-1062.....1	
7 LUG 8008645.....9	15 PIN 544174.....1	
8 SYNCHRO 7674818.....2	16 GEAR 8006040.....1	

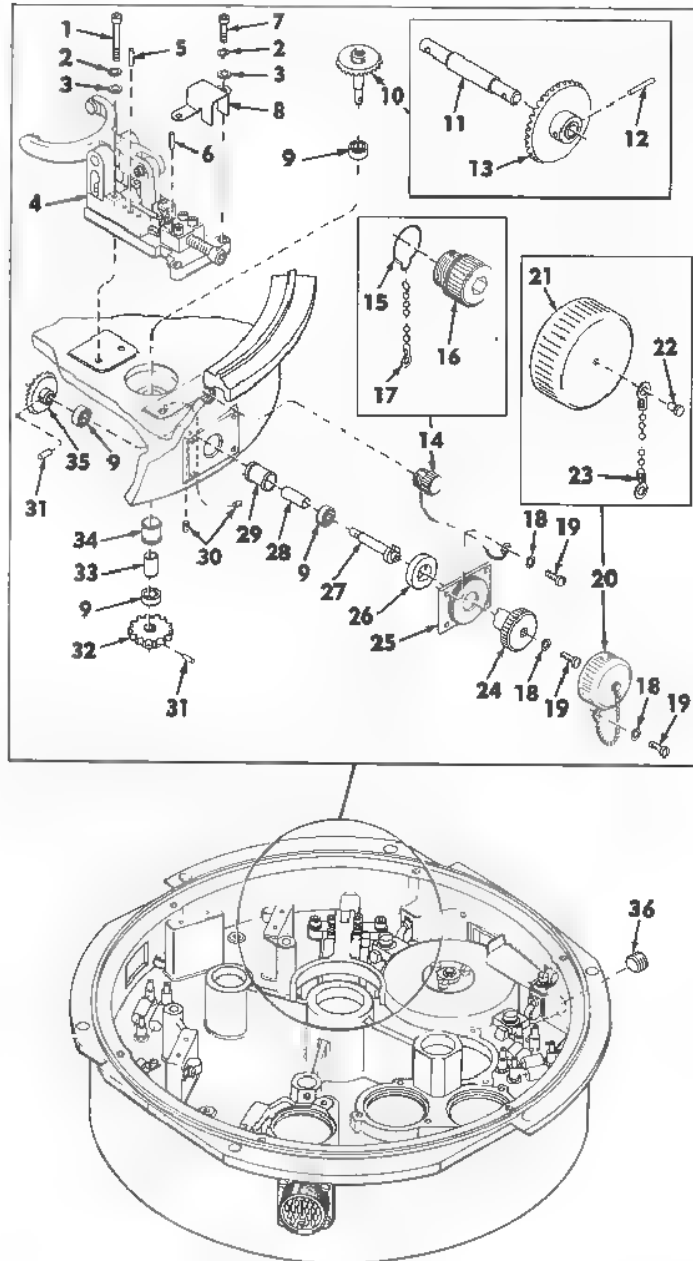
\* FURNISHED WITH ITEM 8

FIGURE 34. TRANSMITTER, POSITION, GUIDED MISSILE /9007947/-PARTIAL EXPLODED VIEW



ORD G305250

FIGURE 35. TRANSMITTER, POSITION, GUIDED MISSILE /9007947/-PARTIAL EXPLODED VIEW

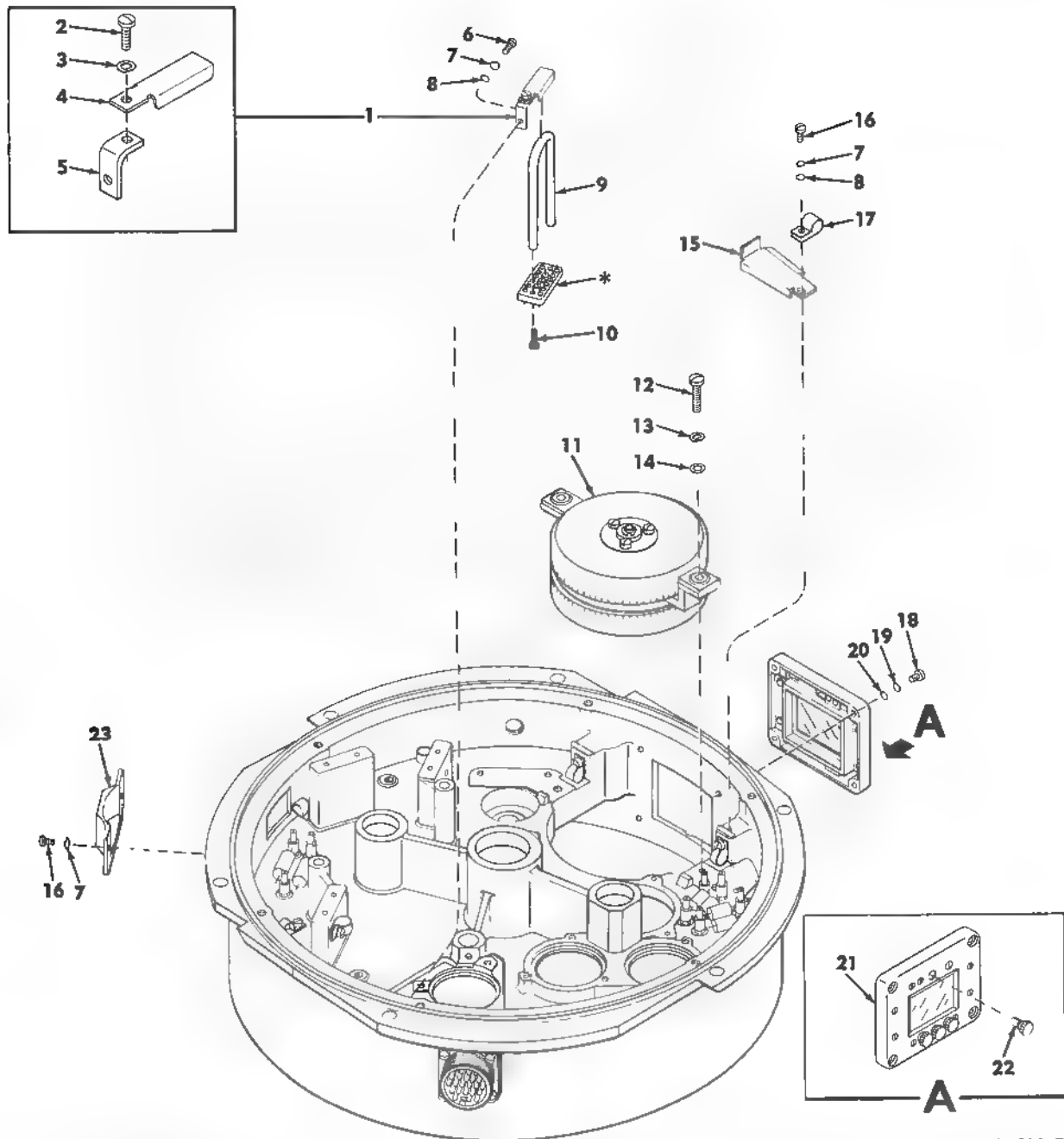


ORD G305248

1	SCREW MS16997-51.....2	11	SHAFT 8172263.....1	24	KNOB 8008629.....1
2	WASHER MS35338-43.....4	12	PIN MS16562-204.....1	25	PLATE 7604698.....1
3	WASHER 8005253.....4	13	GEAR 8517376.....1	26	WASHER 7598414.....1
4	ACTUATOR ASSEMBLY 8520111.....1	14	PLUG 8009140.....1	27	SHAFT 8171701.....1
	SEE FIGURE 49 FOR DETAILS	15	RING 7598435.....1	28	SLEEVE 8171735.....1
5	PIN 544087.....2	16	PLUG 8008709.....1	29	SPACER 8171736.....1
6	PIN 544119.....2	17	CHAIN 7598439.....1	30	SETSCREW MS51963-34.....2
7	SCREW MS16997-46.....2	18	WASHER MS35338-42.....5	31	PIN MS16562-204.....2
8	BRACKET 9005205.....1	19	SCREW MS25206-246.....3	32	GEAR 8171742.....1
9	BEARING F1-9.....4	20	COVER 7604720.....1	33	SPACER 8009143.....1
10	GEAR AND SHAFT ASSEMBLY 8172264.....1	21	CAP 7604699.....1	34	SPACER 8008715.....1
		22	STUD 7598415.....1	35	GEAR 8006058.....1
		23	CHAIN 7598438.....1	36	SETSCREW 8172952.....1

FIGURE 36. TRANSMITTER, POSITION, GUIDED MISSILE /9007947/-PARTIAL EXPLODED VIEW





ORD G304728

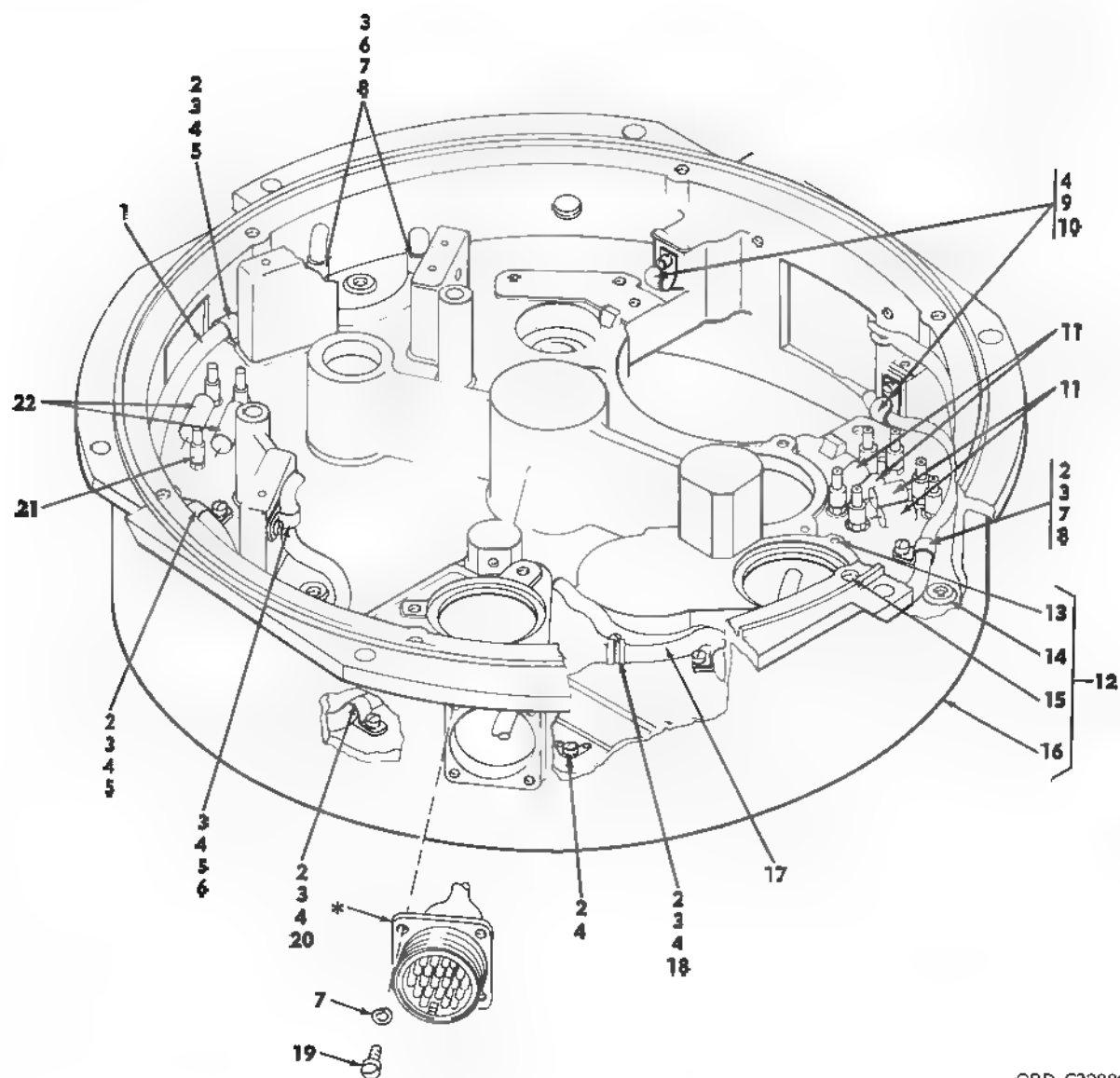
1 BRACKET 8021330.....1  
2 SCREW MS35265-43.....1  
3 WASHER MS35338-42.....1  
4 BRACKET 8021329.....1  
5 BRACKET 8021328.....1  
6 SCREW MS16997-32.....1  
7 WASHER MS35338-42.....4  
8 WASHER MS27183-7.....2  
9 HANDLE 8008708.....1  
10 SCREW MS35206-217.....2

11 DIAL 8171843.....1  
SEE FIGURE 50 FOR DETAILS  
12 SCREW MS35206-283.....2  
13 WASHER MS35338-44.....2  
14 WASHER MS27183-10.....2  
15 BRACKET 9138247.....1  
16 SCREW MS25206-243.....3  
17 CLAMP NAS1397K3N.....1  
18 SCREW MS35206-230.....4  
19 WASHER MS35338-41.....4

20 WASHER 8005252.....4  
21 WINDOW-PANEL ASSEMBLY  
9008043.....1  
SEE FIGURE 51 FOR DETAILS  
22 LAMP MS25236-323.....4  
23 COVER 8171751.....1

\* COMPONENT OF WIRING HARNESS-  
8172453

FIGURE 37. TRANSMITTER, POSITION, GUIDED MISSILE /9007947/-PARTIAL EXPLODED VIEW

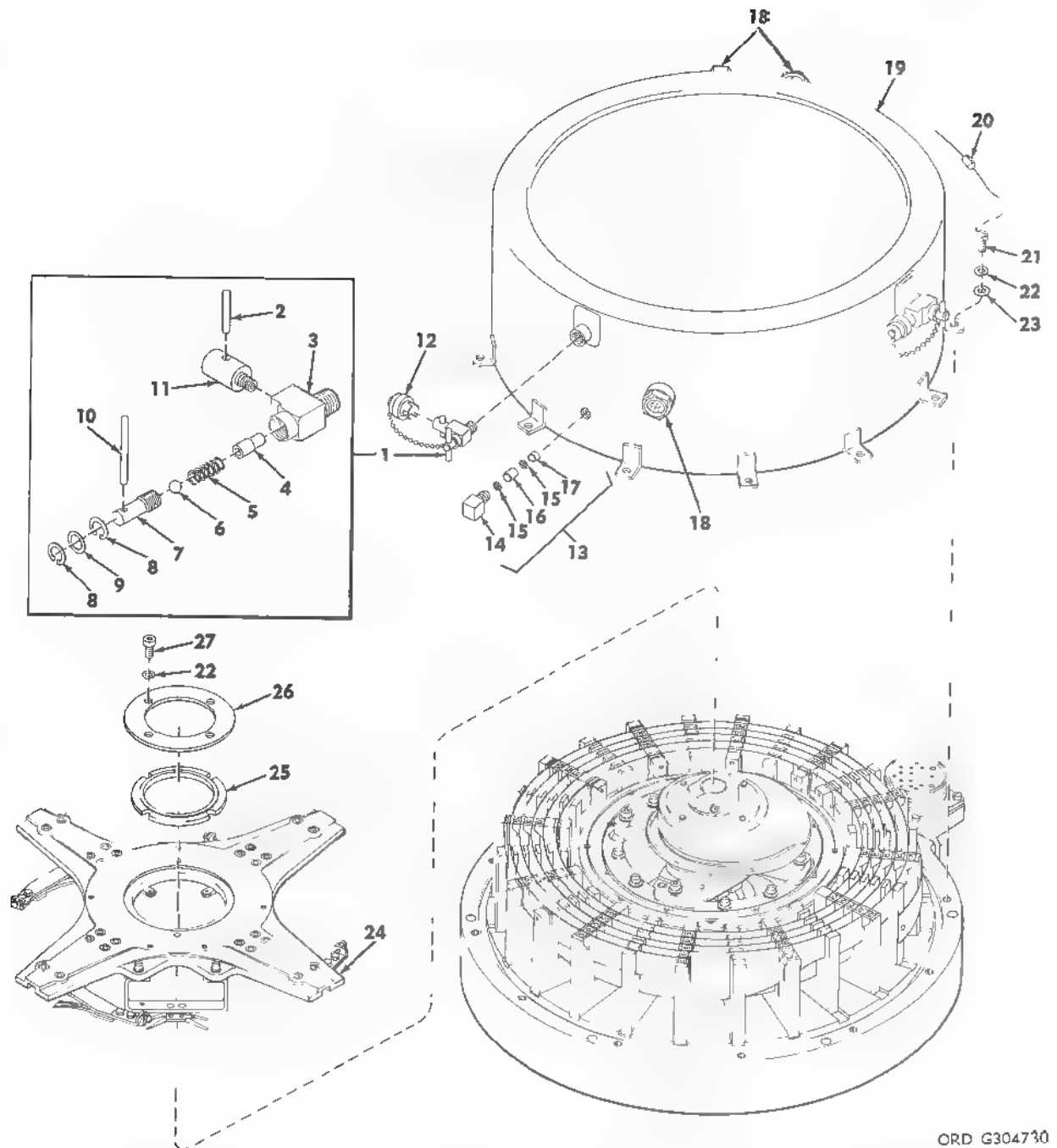


ORD G328899

1	WIRING HARNESS 8172453.....1	10	CLIP 8172935.....2	18	CLAMP NAS1397K6N.....1
	SEE FIGURE 278, NUMBER 10	11	RESISTOR RCR42G220JS.....4	19	SCREW MS35206-230.....4
	FOR DETAILS	12	HOUSING 9008046.....1	20	CLAMP NAS1397K5N.....1
2	SCREW MS35206-243.....7	13	INSERT 452616.....6	21	TERMINAL ASSEMBLY
3	WASHER MS27183-7.....9	14	INSERT 4526C0.....6		7605349.....9
4	WASHER MS35338-42.....9	15	INSERT 8024419.....6	22	RESISTOR 7599268.....2
5	CLAMP MS25281R4.....3	16	HOUSING 9008046-1.....1		
6	SCREW MS16997-31.....3	17	WIRING HARNESS 8172449.....1		
7	WASHER MS35339-41.....7		SEE FIGURE 278, NUMBER 3		
8	CLAMP MS25281R3.....4		FOR DETAILS		
9	SCREW MS35206-241.....2				

\* COMPONENT OF ITEM 17

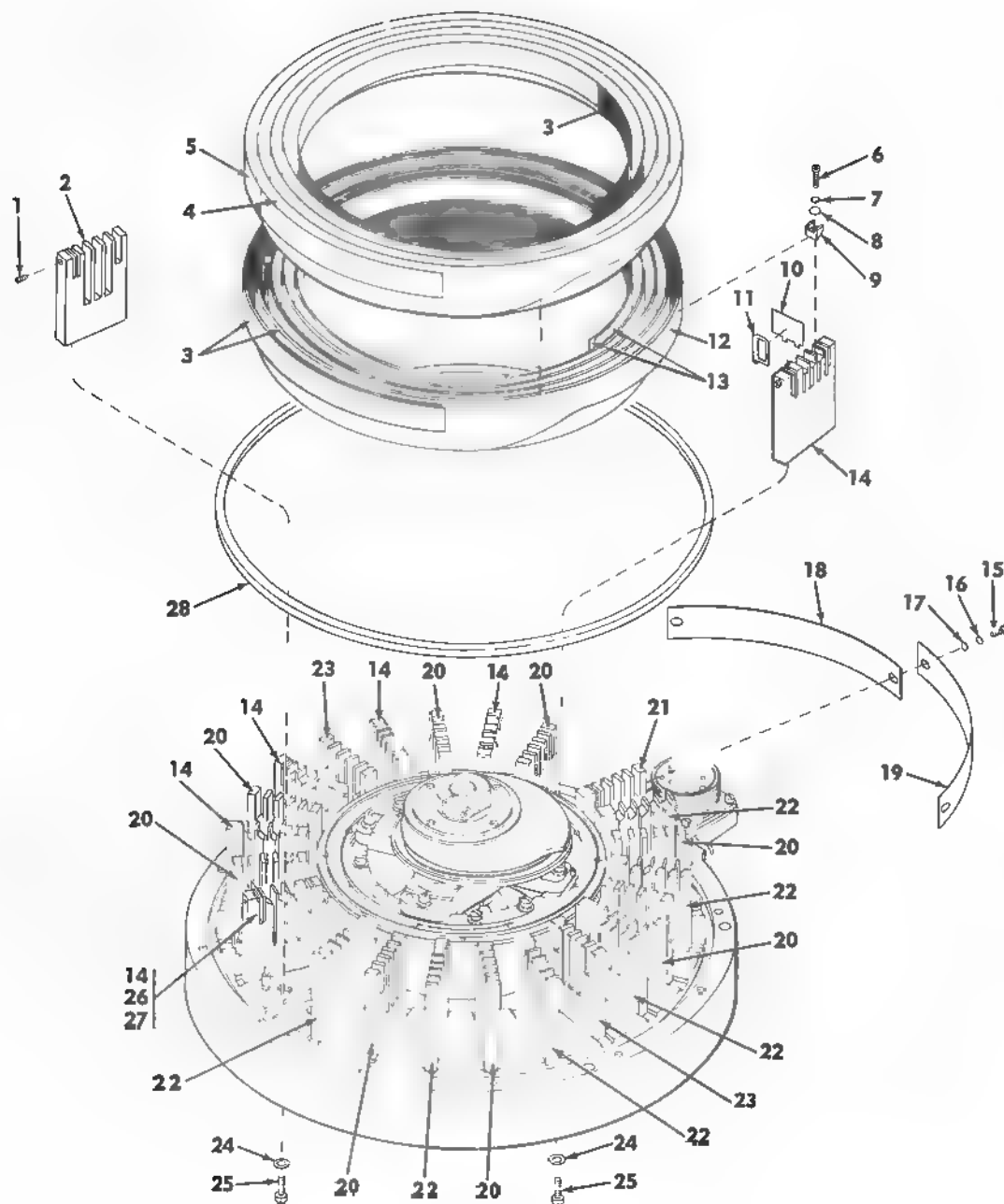
FIGURE 38. TRANSMITTER, POSITION, GUIDED MISSILE /9007947/-PARTIAL EXPLODED VIEW



ORD G304730

1 VALVE 8016740.....2	11 ADAPTER 8605179.....1	21 SCREW MS35265-63.....12
2 PIN 8605175.....1	12 CAP-PLUG 8629891.....2	22 WASHER MS35338-43.....16
3 VALVE 8605178.....1	13 VENT 9221585.....1	23 WASHER MS27183-8.....12
4 BUSHING 8605174.....1	14 PLUG 8605180.....1	24 BRUSH ASSEMBLY 8173820.....1
5 SPRING 8605177.....1	15 WIPE CLOTH 7612138.....2	SEE FIGURE 45 FOR DETAILS
6 BALL MS19060-7.....1	16 FILTER 7612137.....1	25 SPACER 9005945.....1
7 VALVE STEM 8605173.....1	17 PRESSURE CUP 8605417.....1	26 PLATE 9006114.....1
8 RING 7612139.....2	18 INDICATOR 7599028.....3	27 SCREW MS16997-44.....4
9 PACKING MS29561-009.....1	19 OIL PAN ASSEMBLY 8173822.....1	
10 PIN 8605176.....1	20 SEAL 9005733.....1	

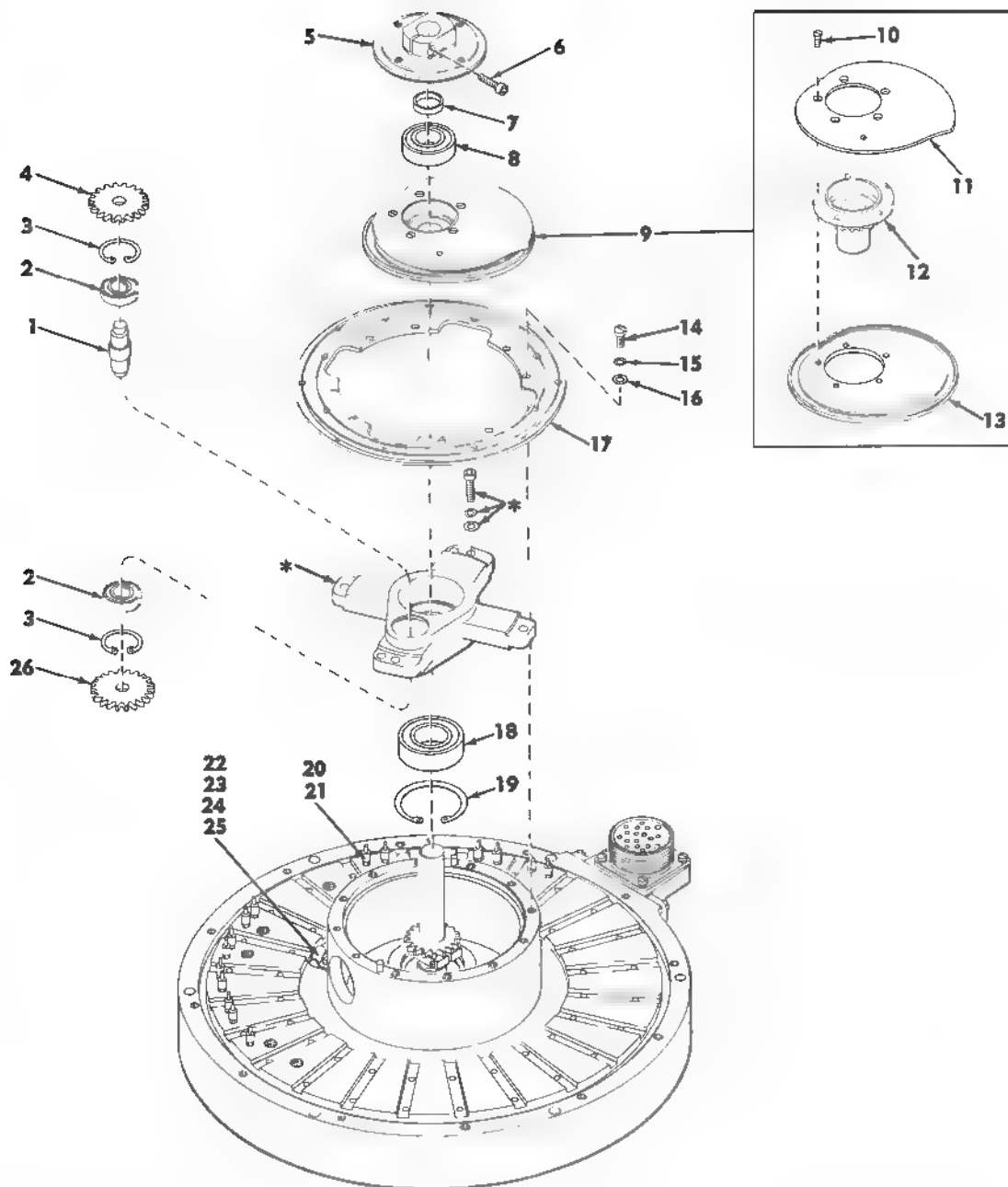
FIGURE 39. TRANSMITTER, COURSE DATA SUBASSEMBLY /9006523/-PARTIAL EXPLODED VIEW  
/SEE FIGURES 31 AND 52 FOR NEXT HIGHER ASSEMBLY/



ORD G304731

1 SETSCREW MS51981-19.....14	10 RUBBER STRIP ASSEMBLY	19 SEAL 9015630.....1
2 WEDGING YOKE 9015601.....1	9006043.....1	20 SUPPORTING YOKE 9015614.....8
3 INSULATION SHEET 9016244.....3	11 BRIDGE 9015595.....1	21 WEDGING YOKE 9015616.....1
4 RESISTANCE ELEMENT CARD	12 RESISTANCE ELEMENT CARD	22 CLAMPING YOKE 9015599.....6
ASSEMBLY 9015597.....1	9015594.....1	23 SUPPORTING YOKE 9015615.....2
5 RESISTANCE ELEMENT CARD	13 INSULATOR 9016243.....2	24 WASHER MS27183-7.....48
9015663.....1	14 CLAMPING YOKE 9015633.....6	25 SCREW MS16997-33.....48
6 SCREW 9157796-139.....48	15 SCREW MS35206-228.....3	26 RUBBER STRIP ASSEMBLY
7 WASHER 9605392.....48	16 WASHER MS35338-41.....3	9006042.....1
8 WASHER MS35338-135.....48	17 WASHER MS27183-6.....3	27 BRIDGE 9015596.....1
9 BLOCK 9015542.....48	18 SEAL 9015629.....1	28 GASKET 8018203.....1

FIGURE 40. TRANSMITTER, COURSE DATA SUBASSEMBLY /9006523/ PARTIAL EXPLODED VIEW

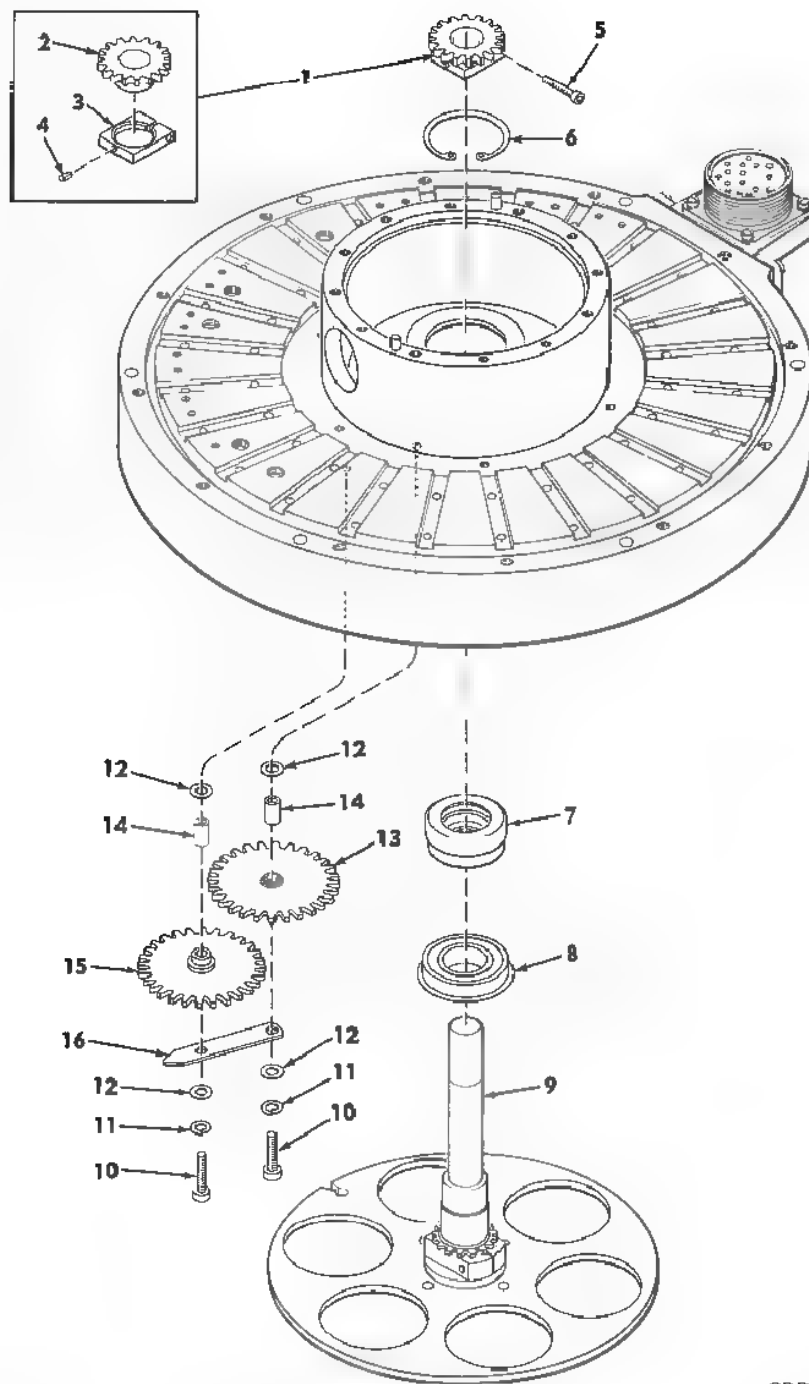


ORD G304732

1 SHAFT 9005869.....1	11 CAM 9015625.....1	21 WASHER MS35338-40.....16
2 BEARING 7612002.....2	12 GEAR 9015655.....1	22 SCREW MS39265-28.....1
3 RING MS16625-4112.....2	13 CAM 9015611.....1	23 WASHER MS27183-6.....1
4 GEAR 9015602.....1	14 SCREW MS35265-45.....8	24 WASHER MS35338-41.....1
5 WUB 9006115.....1	15 WASHER MS35338-42.....8	25 CLAMP MS25281R3.....1
6 SCREW MS16998-29.....1	16 WASHER MS27183-7.....8	26 GEAR 9015613.....1
7 SPACER 9015520.....1	17 RING ASSEMBLY 9015612.....1	
8 BEARING 9004131.....1	18 BEARING 9004132.....1	
9 CAM 9015608.....1	19 RING MS16625-4206.....1	
10 SCREW MS35190-225.....5	20 TERMINAL 7599087.....16	

\* COMPONENT OF BASE-9015657

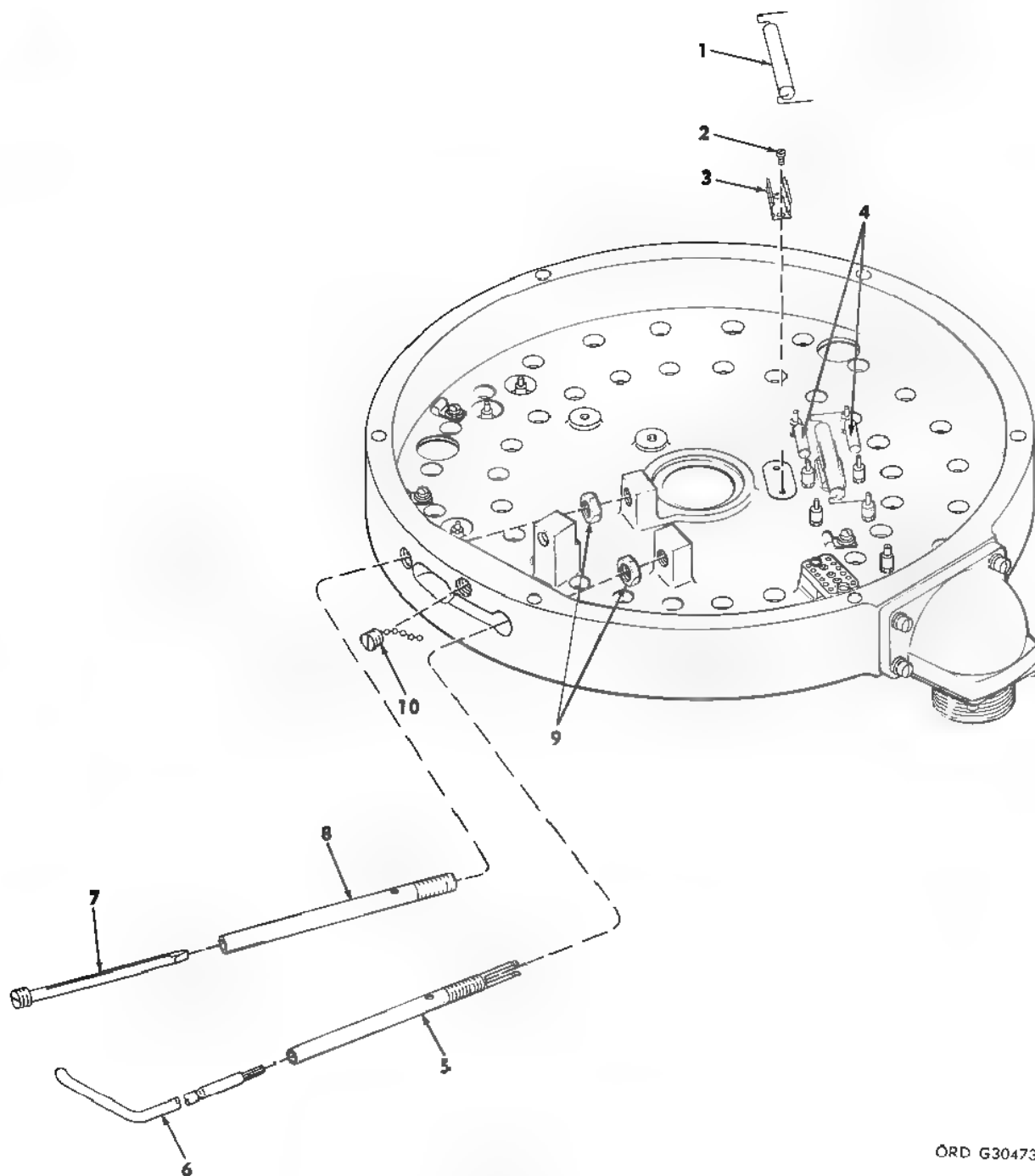
FIGURE 41. TRANSMITTER, COURSE DATA SUBASSEMBLY /9006523/-PARTIAL EXPLODED VIEW



ORD G304733

1 GEAR 9015604.....1	7 SEAL 7612129.....1	13 GEAR CLUSTER 9015606.....1
2 GEAR 9015647.....1	8 BEARING 47711.05X3E.....1	14 BEARING 9005962.....2
3 CLAMP 9006136.....1	9 GEARSHAFT 9015626.....1	15 GEAR 9015605.....1
4 PIN 9004129.....1	10 SCREW MS35265-67.....2	16 POINTER 9015603.....1
5 SCREW MS16997-36.....1	11 WASHER MS35338-43.....2	
6 RING MS16625-4195.....1	12 WASHER 9006148.....4	

FIGURE 42. TRANSMITTER, COURSE DATA SUBASSEMBLY /9006523/-PARTIAL EXPLODED VIEW

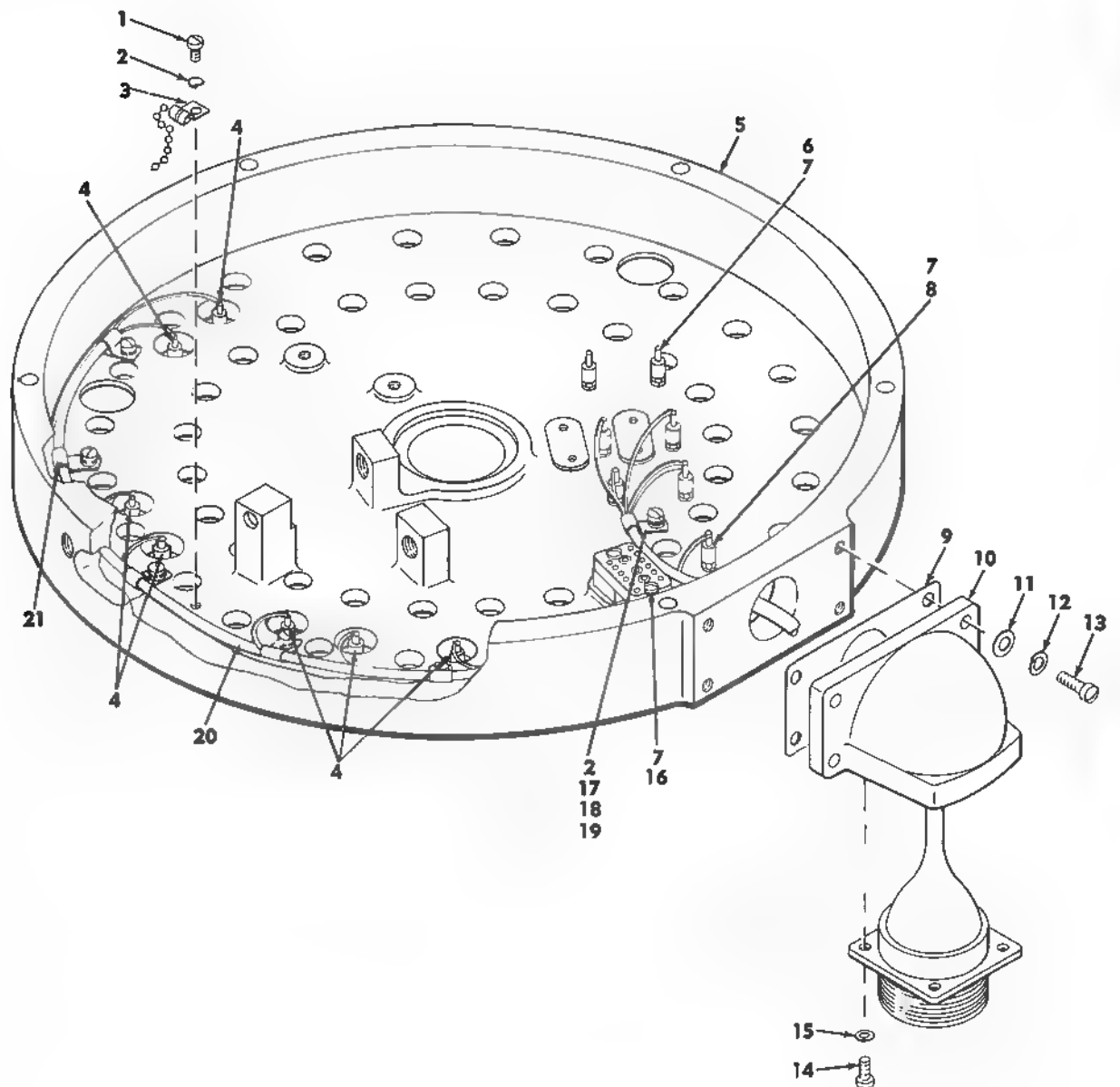


ORD G304734

1	RESISTOR	8607114	2
2	SCREW	9407434	4
3	RETAINER	MS2913T-8	2
4	RESISTOR	9017284	2
5	HOLDER	9006139	1
6	KEY	8018206	1
7	TOOL	8018206	1
8	GUIDE	9006140	1
9	NUT	MS35691-21	2
10	PLUG	9006146	1

FIGURE 43. TRANSMITTER, COURSE DATA SUBASSEMBLY /9006523/-PARTIAL EXPLODED VIEW

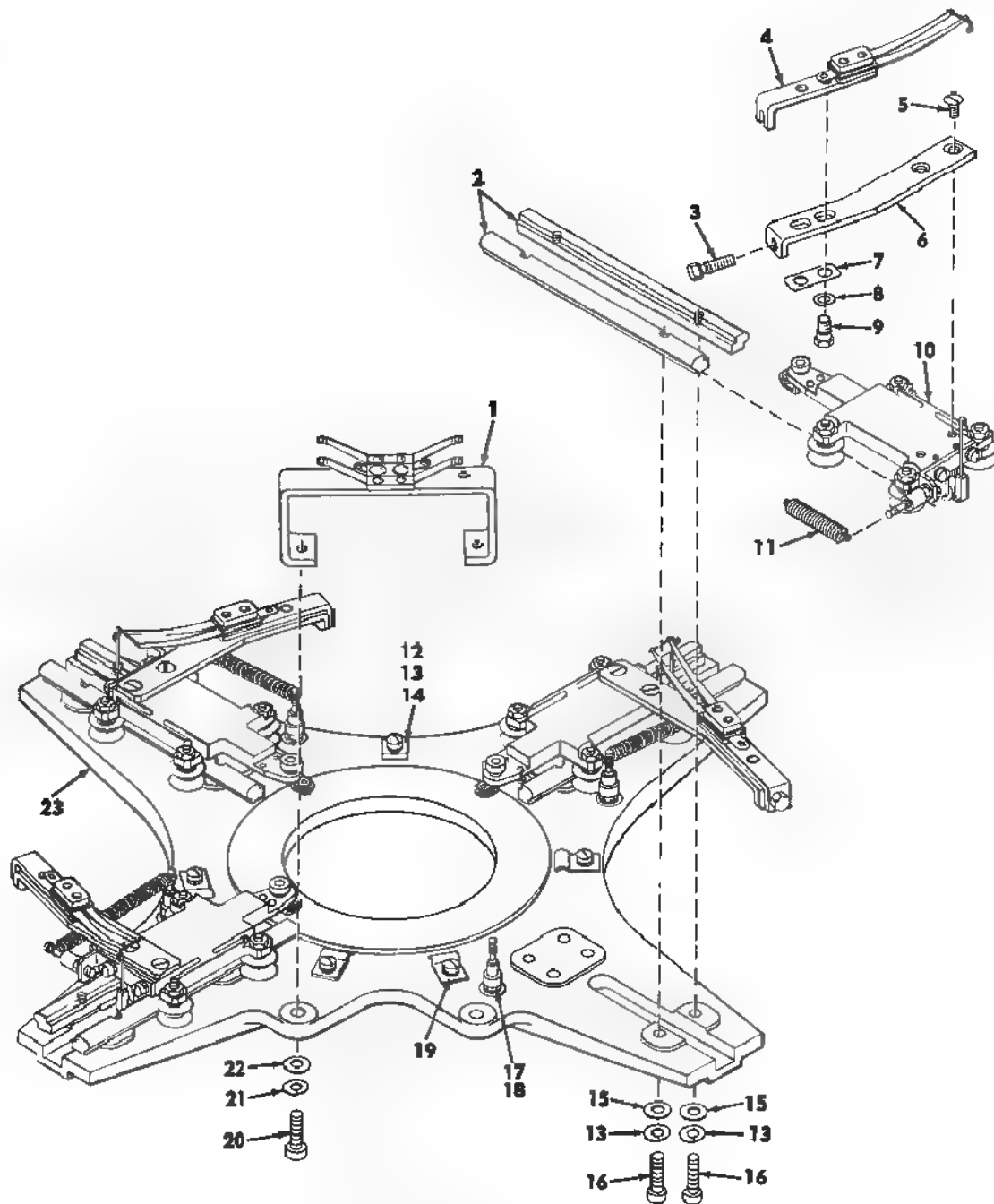




QRD G304735

1	SCREW MS35265-26.....1	8	TERMINAL 7599264.....1	16	SCREW MS35206-217.....2
2	WASHER MS35338-41.....7	9	GASKET 9991942.....1	17	WASHER MS27183-6.....6
3	STRAP 8605171.....1	10	BRACKET 9006018.....1	18	SCREW MS35265-28.....6
4	TERMINAL FT01XA02.....7	11	WASHER MS27183-8.....4	19	CLAMP MS25281R3.....5
5	BASE 9015657.....1	12	WASHER MS35338-43.....4	20	WIRING HARNESS 9015617.....1
	SEE FIGURE 47 FOR DETAILS	13	SCREW MS35265-65.....4		SEE FIGURE 278, NUMBER 20
6	TERMINAL 7599087.....6	14	SCREW MS35265-44.....4		FOR DETAILS
7	WASHER MS35338-40.....9	15	WASHER MS35338-42.....4	21	CLAMP NAS1397K2N.....1

FIGURE 44. TRANSMITTER, COURSE DATA SUBASSEMBLY /9006523/-PARTIAL EXPLODED VIEW



ORD G304736

1	INSULATOR BLOCK ASSEMBLY 8173821.....1	9	SCREW 8605115.....8	16	SCREW MS16997-20.....16
2	RAIL 9015528.....8	10	CARRIAGE ASSEMBLY 9015527.....4	17	TERMINAL SE21XF01.....4
3	SCREW 8605114.....4		SEE FIGURE 46 FOR DETAILS	18	WASHER MS35338-40.....4
4	BRUSH 9006521.....4	11	SPRING 9006376.....4	19	STRAP 9006713.....4
5	SCREW MS35190-235.....8	12	STRAP 9006714.....1	20	SCREW MS35265-45.....2
6	BRACKET 9006121.....4	13	WASHER MS35338-41.....21	21	WASHER MS35338-42.....2
7	PLATE 8605111.....4	14	SCREW MS35265-27.....5	22	WASHER MS27183-7.....2
8	WASHER MS35338-43.....8	15	WASHER 8137479.....16	23	BRUSH ARM 9006375.....1

FIGURE 45. BRUSH ASSEMBLY /8173820/-EXPLODED VIEW  
/SEE FIGURE 39 FOR NEXT HIGHER ASSEMBLY/

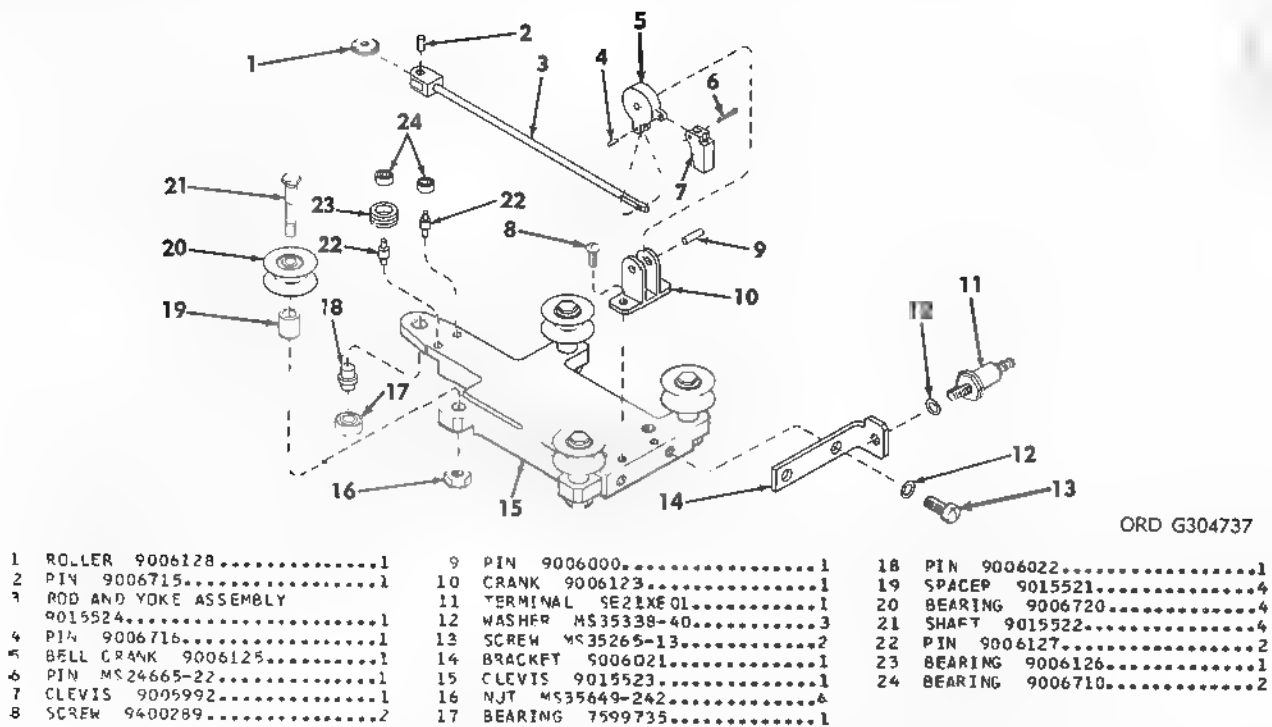


FIGURE 46. CARRIAGE ASSEMBLY /9015527/-EXPLODED VIEW  
/SEE FIGURE 45 FOR NEXT HIGHER ASSEMBLY/

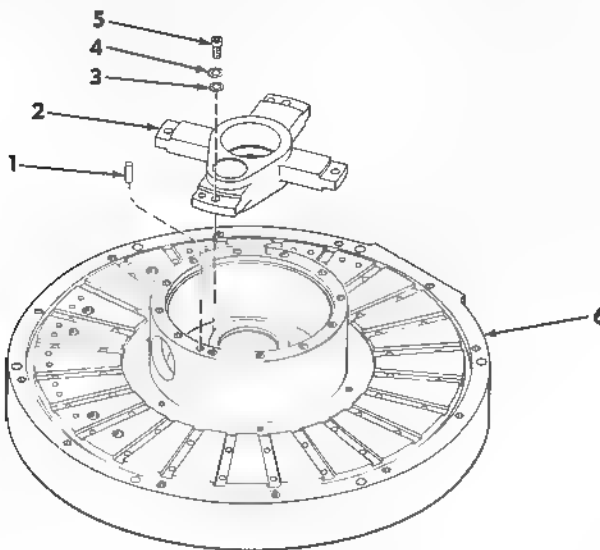
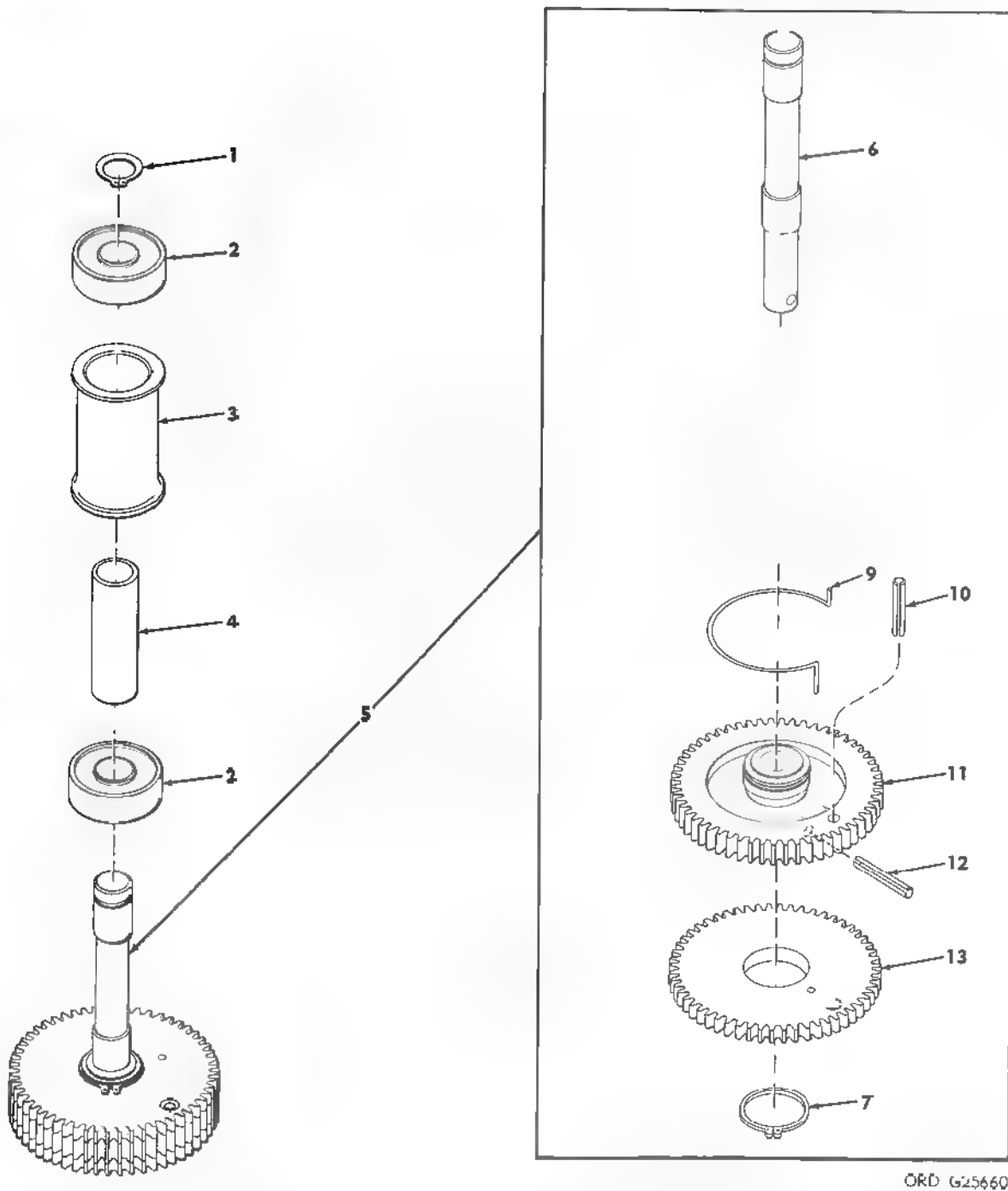


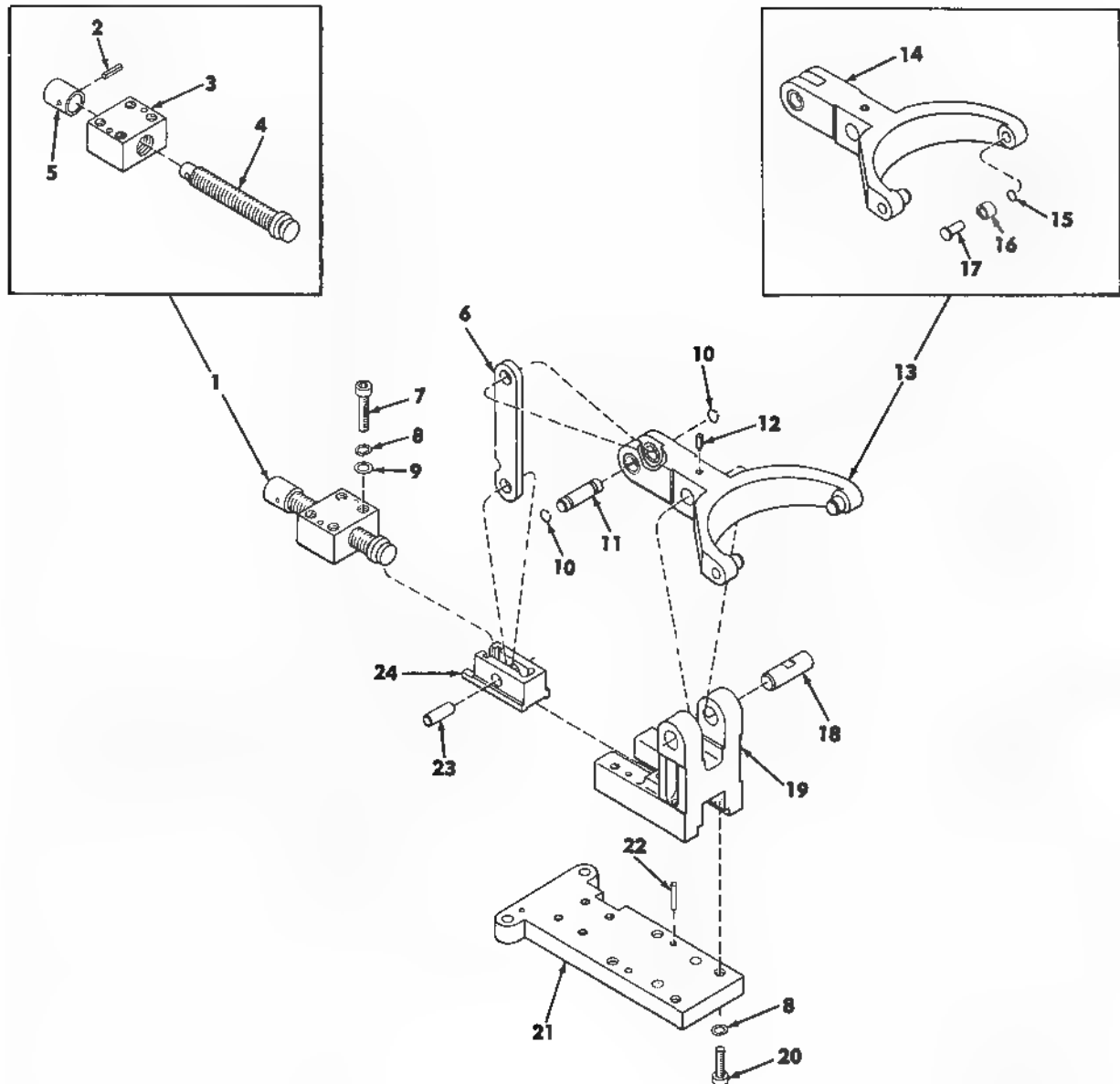
FIGURE 47. BASE /9015657/-EXPLODED VIEW  
/SEE FIGURE 44 FOR NEXT HIGHER ASSEMBLY/



ORD G256600

1 RING MS16624-1025.....1	6 SHAFT 8171736.....1	11 GEAR 8171729.....1
2 BEARING E1-9.....2	7 RING MS16624-1043.....2	12 PIN MS16562 202.....1
3 SPACER 8171736.....1	8 GEAR 8171731.....1	13 GEAR 8171730.....1
4 SLEEVE 8171735.....1	9 SPRING 8171732.....1	
5 GEAR ASSEMBLY 8171733.....1	10 PIN MS16562-210.....1	

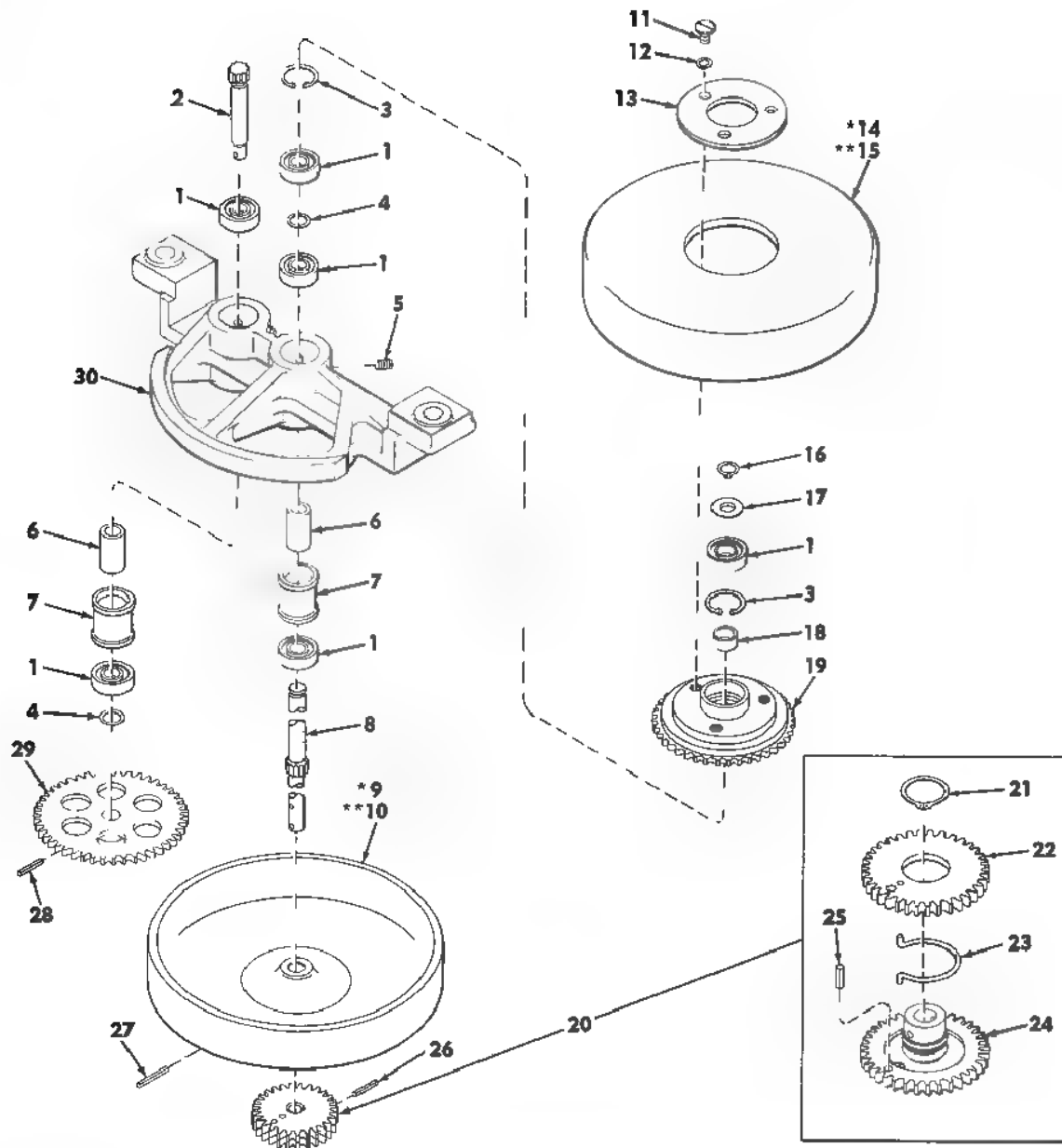
FIGURE 48. BEARING ASSEMBLY /8171778/-EXPLODED VIEW  
/SEE FIGURES 35 AND 36 FOR NEXT HIGHER ASSEMBLY/



ORD G304738

1 BLOCK ASSEMBLY 8158069.....1	9 WASHER 8005253.....4	17 PIN 0520124.....2
2 PIN MS16562-213.....1	10 RING MS16624-4031.....2	18 PIN 0520125.....1
3 BLOCK 8520129.....1	11 PIN 0520122.....1	19 BRACKET 0520113.....1
4 SCREW 8158067.....1	12 SETSCREW MS51963-47.....1	20 SCREW MS16997-46.....4
5 ADAPTER R158068.....1	13 CLEVIS ASSEMBLY 0520133.....1	21 BASE 8520112.....1
6 LINK 9005527.....1	14 CLEVIS 8520114.....1	22 PIN 502976.....2
7 SCREW MS16997-48.....4	15 SPACER 8520127.....2	23 PIN 0520119.....1
8 WASHER MS35338-43.....8	16 BEARING 0520135.....2	24 BAR 0520130.....1

FIGURE 49. ACTUATOR ASSEMBLY /0520111/-EXPLODED VIEW  
/SEE FIGURES 36 AND 57 FOR NEXT HIGHER ASSEMBLY/

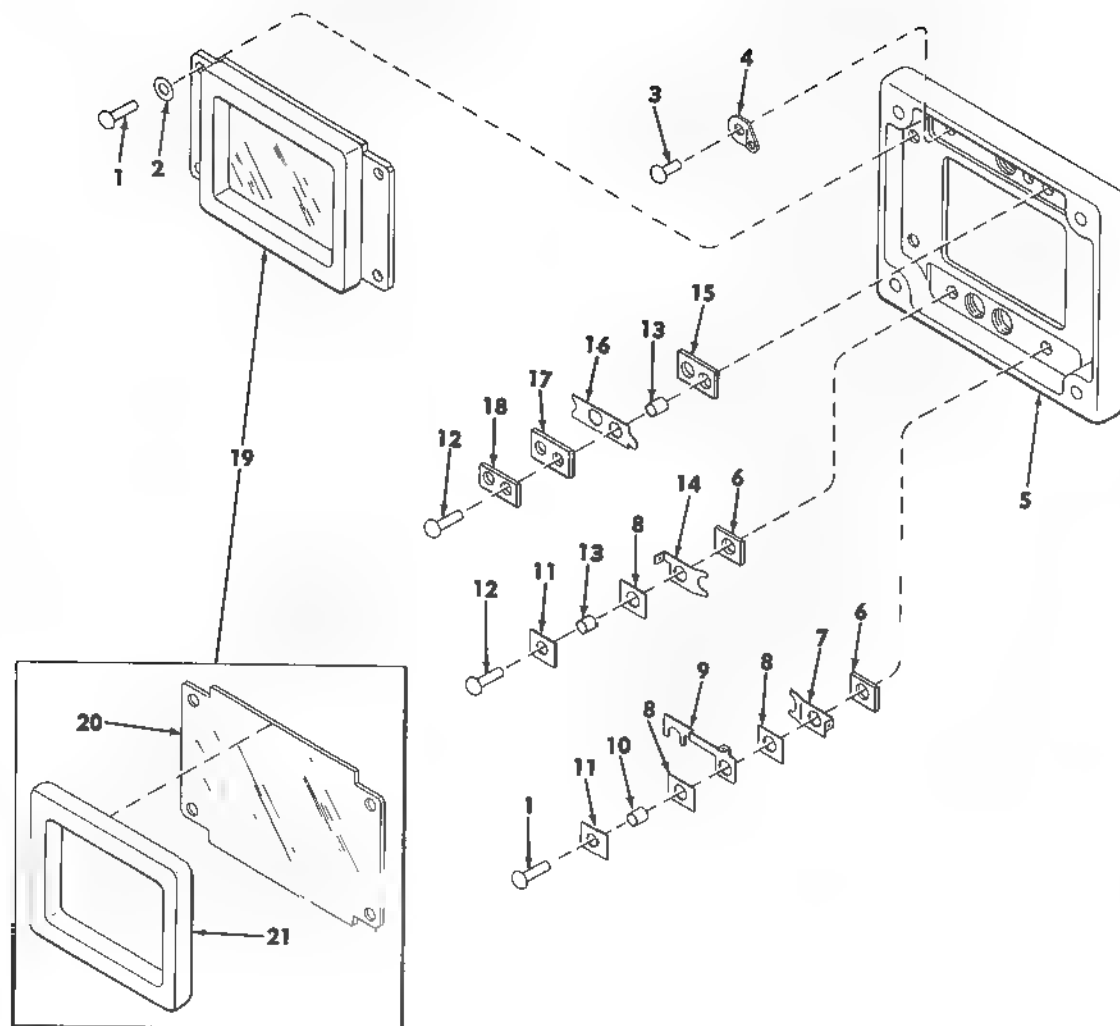


ORD G265840

1 BEARING #1-9.....6	13 PLATE 8171857.....1	25 PIN MS16562-209.....1
2 GEAR 8171956.....1	14 DIAL 8171851.....1	26 PIN MS16562-202.....1
3 RING MS16625-1062.....2	15 DIAL 8171852.....1	27 PIN MS16562-205.....1
4 SPACER 8005432.....2	16 RING MS16628-1025.....1	28 PIN MS16562-203.....1
5 SETSCREW MS51963-21.....4	17 WASHER 8005434.....1	29 GEAR 8171854.....1
6 SPACER 8005431.....2	18 SPACER 8005443.....1	30 YOKE 8171848.....1
7 SLEEVE 8005433.....2	19 GEAR 8171853.....1	
8 GEAR SHAFT 8171855.....1	20 GEAR ASSEMBLY 8171844.....1	
9 DIAL 8171849.....1	21 RING MS16624-1043.....1	
10 DIAL 8171850.....1	22 GEAR 8171846.....1	
11 SCREW 593902.....3	23 SPRING 8171847.....1	
12 WASHER MS35338-41.....3	24 GEAR 8171845.....1	

\* FOR DIAL-8171842  
\*\* FOR DIAL-8171843

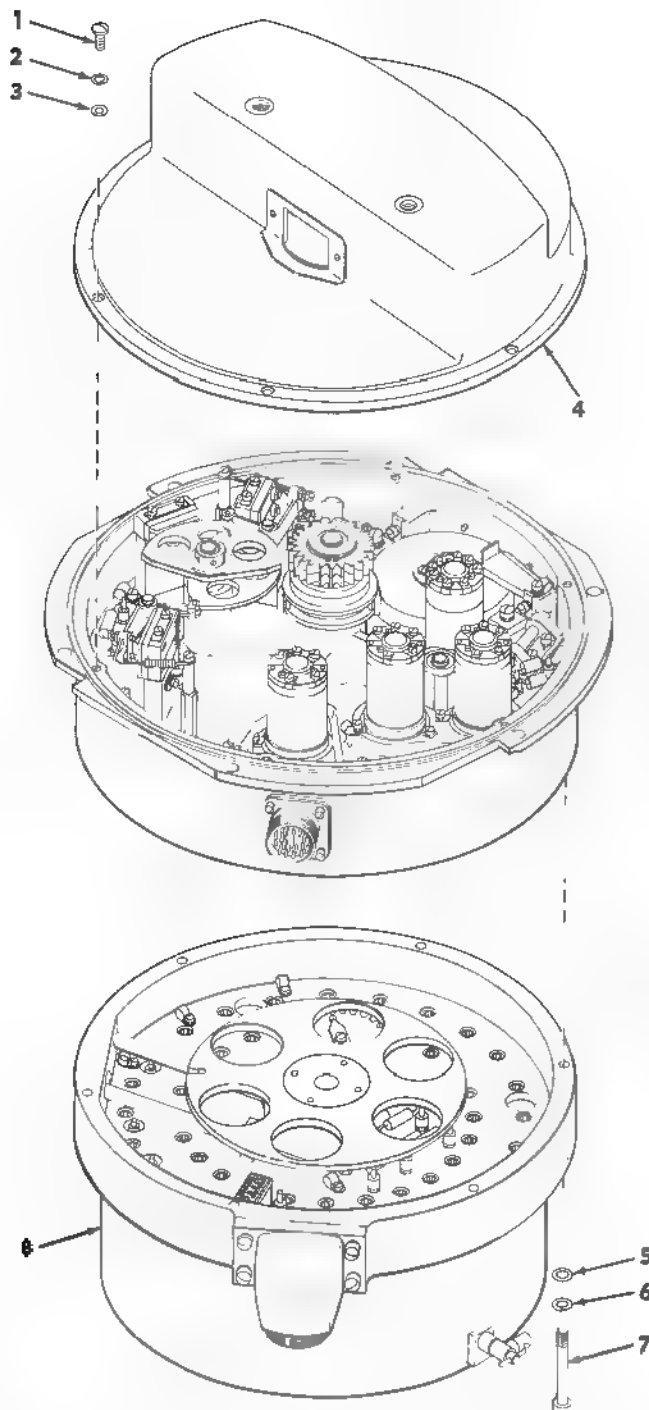
FIGURE 50. DIAL /8171842/ AND DIAL, SCALE ASSEMBLY /8171843/ EXPLODED VIEW  
/SEE FIGURES 37 AND 58 FOR NEXT HIGHER ASSEMBLY/



ORD G304739

1 PIVET 8170124.....5	8 INSULATOR 9136107.....3	15 INSULATOR 7598418.....1
2 WASHER 7598440.....4	9 CONTACT 9136103.....1	16 CONTACT 7604700.....1
3 RIVET MS2042683-4.....1	10 INSULATOR 9136105.....1	17 INSULATOR 7598529.....1
4 TERMINAL 8516062.....1	11 PLATE 9136101.....2	18 PLATE 7598417.....1
5 FRAME 9008044.....1	12 RIVET MS2042684-7.....3	19 WINDOW 9008041.....1
6 INSULATOR 9136102.....2	13 INSULATOR 7598416.....3	20 WINDOW 9008040.....1
7 CONTACT 9143330.....1	14 CONTACT 9136104.....1	21 FRAME 9008042.....1

FIGURE 51. WINDOW-PANEL ASSEMBLY /9008043/-EXPLODED VIEW  
/SEE FIGURE 37 FOR NEXT HIGHER ASSEMBLY/

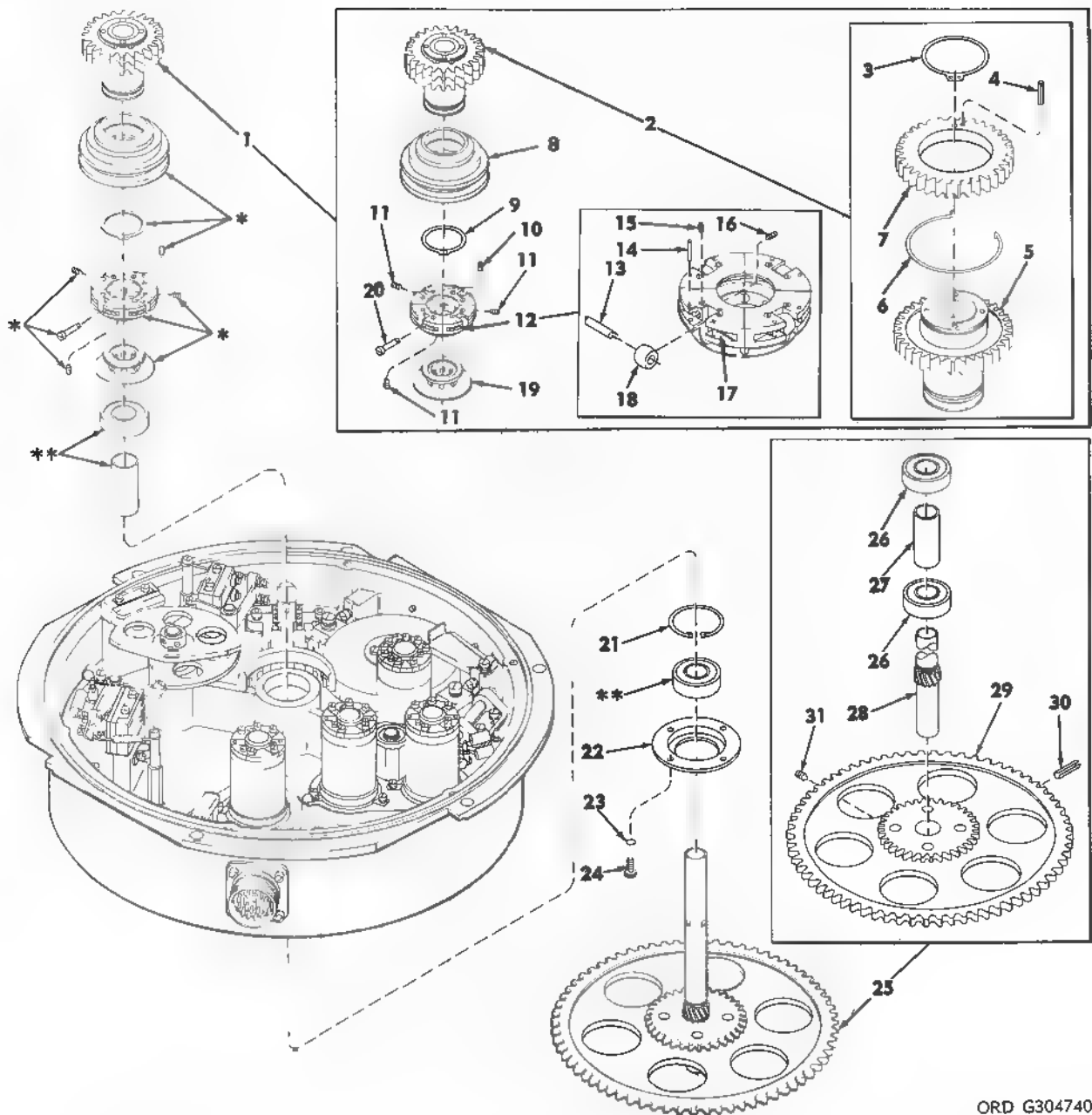


1	SCREW	MS35206-264.....6	6	WASHER	MS35338-44.....6
2	WASHER	MS35338-43.....6	7	SCREW	MS16997-69.....6
3	WASHER	8005253.....6	8	TRANSMITTER	9006523.....1
4	COVER	8171749.....1	SEE FIGURE 39 FOR DETAILS		
5	WASHER	MS27183-10.....6			

ORD G256605

FIGURE 52. TRANSMITTER, POSITION, GUIDED MISSILE /9007946/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 5 FOR NEXT HIGHER ASSEMBLY/





ORD G304740

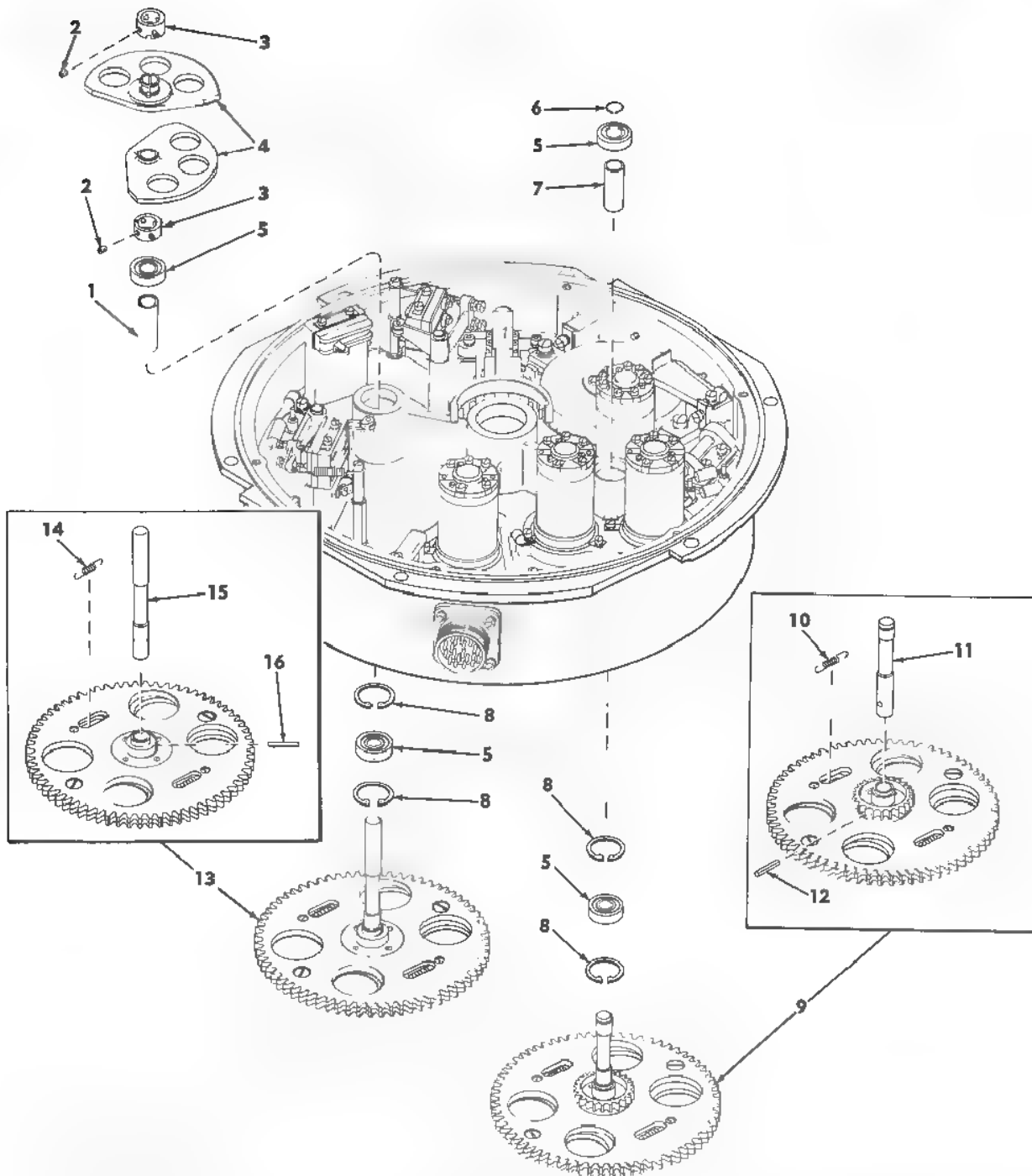
1 GEAR 9142739.....1  
 2 GEAR ASSEMBLY  
 817126.....1  
 3 RING MS16624-  
 1156.....1  
 4 PIN MS16562-225.....1  
 5 GEAR 8171725.....1  
 6 SPRING 8171727.....1  
 7 GEAR 8171722.....1  
 8 CUP 8520118.....1  
 9 RING MS16624-1137.....1  
 10 SETSCREW MS51963-34.....1  
 11 SETSCREW MS51963-33.....3  
 12 CLAMP ASSEMBLY  
 8520132.....1

13 SHAFT CLAMP  
 ASSEMBLY 8520134.....4  
 14 PIN 8520131.....8  
 15 SETSCREW MS51049-  
 8.....8  
 16 SETSCREW MS51977-  
 19.....8  
 17 CLAMP 8520116.....1  
 18 BEARING 8520128.....4  
 19 COLLAR 8520117.....1  
 20 SCREW 8520123.....4  
 21 RING MS16625-1162.....1  
 22 PLATE 8008616.....1

23 WASHER MS35338-42.....4  
 24 SCREW MS35206-245.....4  
 25 GEARSHAFT 9142751.....1  
 26 BEARING 9144127.....2  
 27 SPACER 8008713.....1  
 28 GEAR 8171720.....1  
 29 GEAR CLUSTER 8171719.....1  
 30 PIN MS171627.....1  
 31 SETSCREW MS51963-48.....1

\* COMPONENT OF ITEM 1  
 \*\* COMPONENT OF ITEM 25

FIGURE 53. TRANSMITTER, POSITION, GUIDED MISSILE /9007946/-PARTIAL EXPLODED VIEW



ORD G304741

1 SPACER 8008712.....1	7 SPACER 8008711.....1	13 GEAR ASSEMBLY 8171711.....1
2 SETSCREW M551964-48.....8	8 RING MS16625-1112.....4	14 SPRING 8006055.....2
3 COLLAR 8008625.....2	9 GEAR ASSMBLY 8171715.....1	15 SHAFT 8172955.....1
4 CAM 8171703.....2	10 SPRING 8006056.....2	16 PIN MS16562-232.....1
5 BEARING 7611994.....4	11 SHAFT 8171714.....1	
6 RING MS16626-2050.....1	12 PIN MS16562-232.....1	

FIGURE 54. TRANSMITTER, POSITION, GUIDED MISSILE /9007946/-PARTIAL EXPLODED VIEW

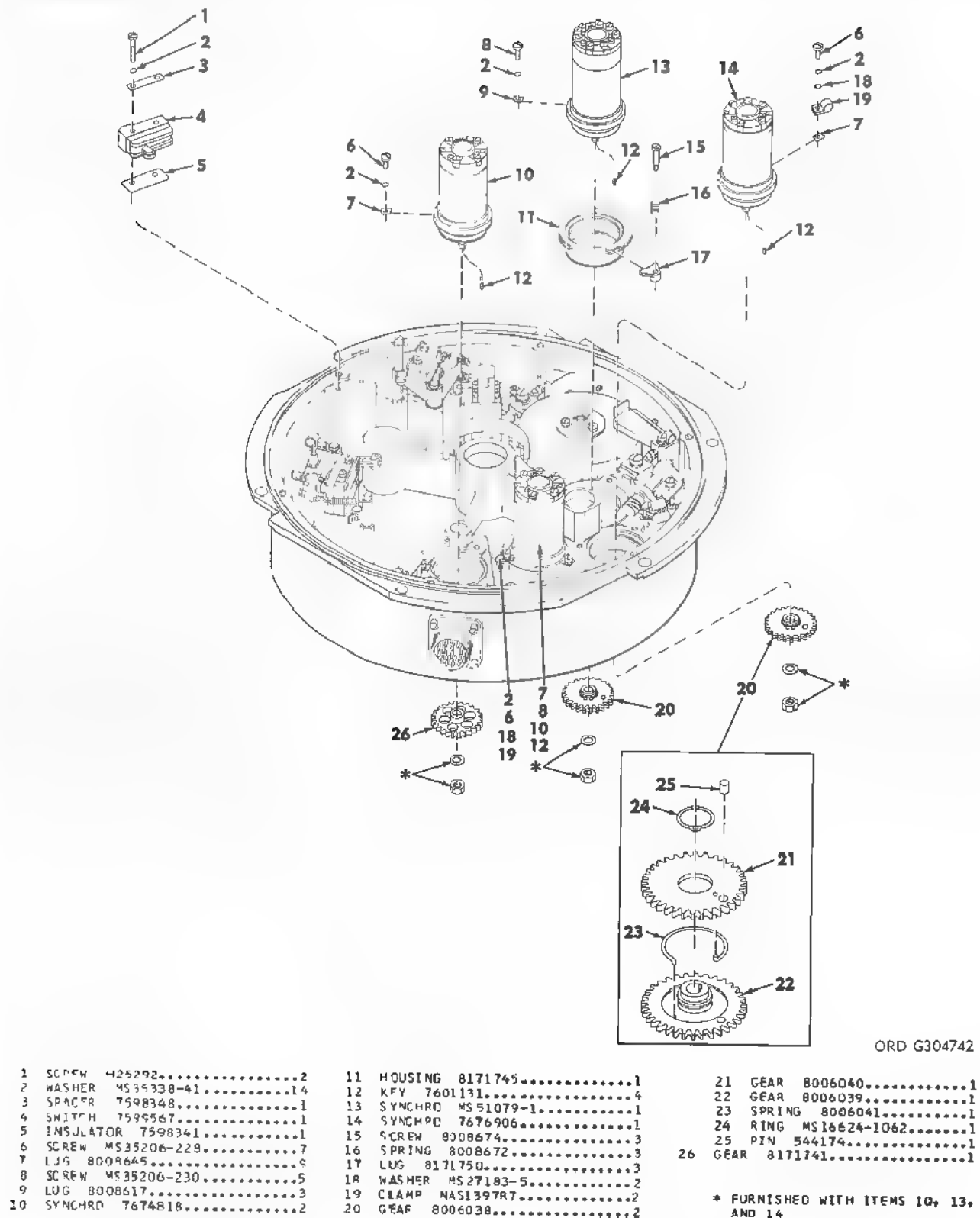
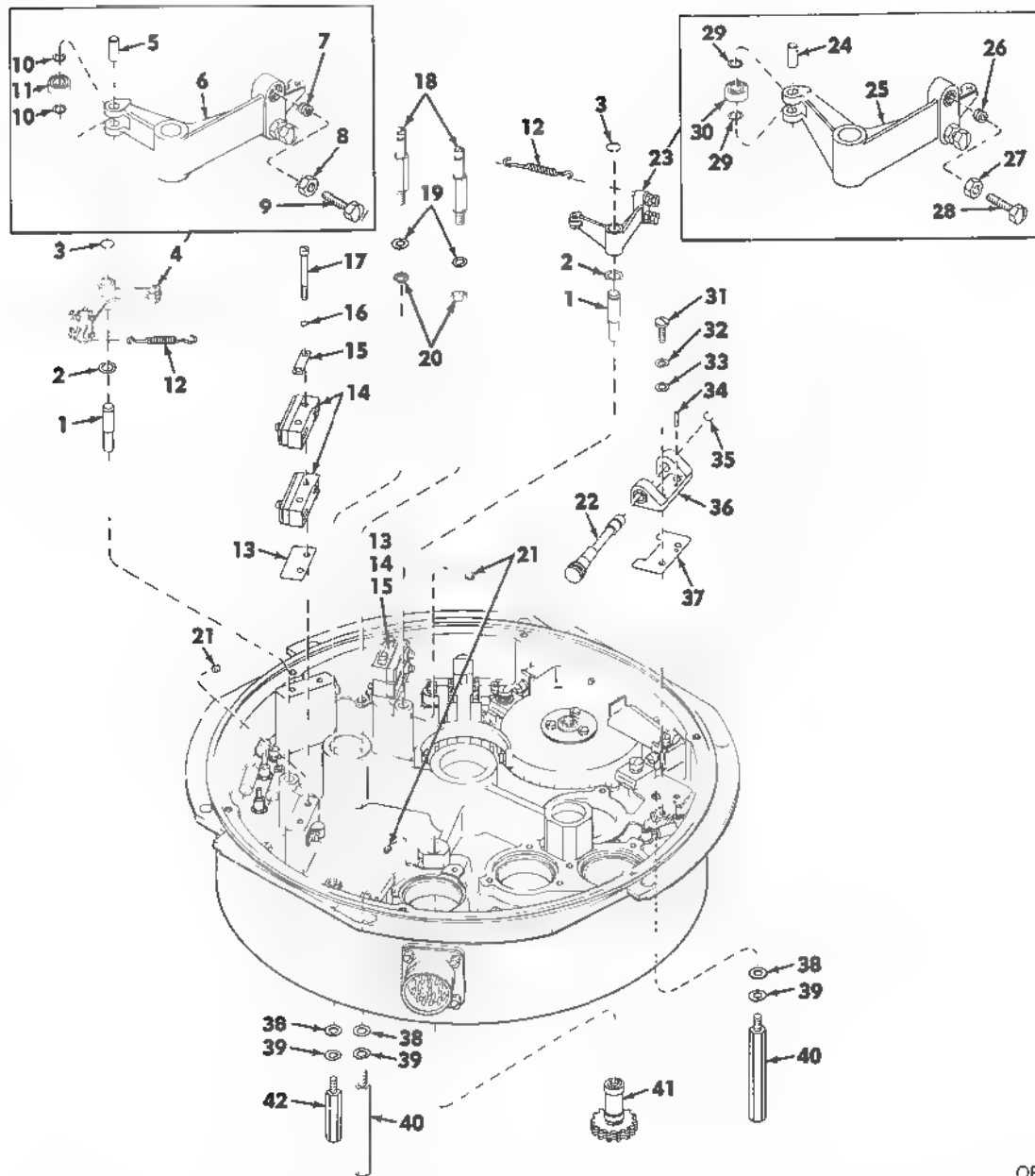


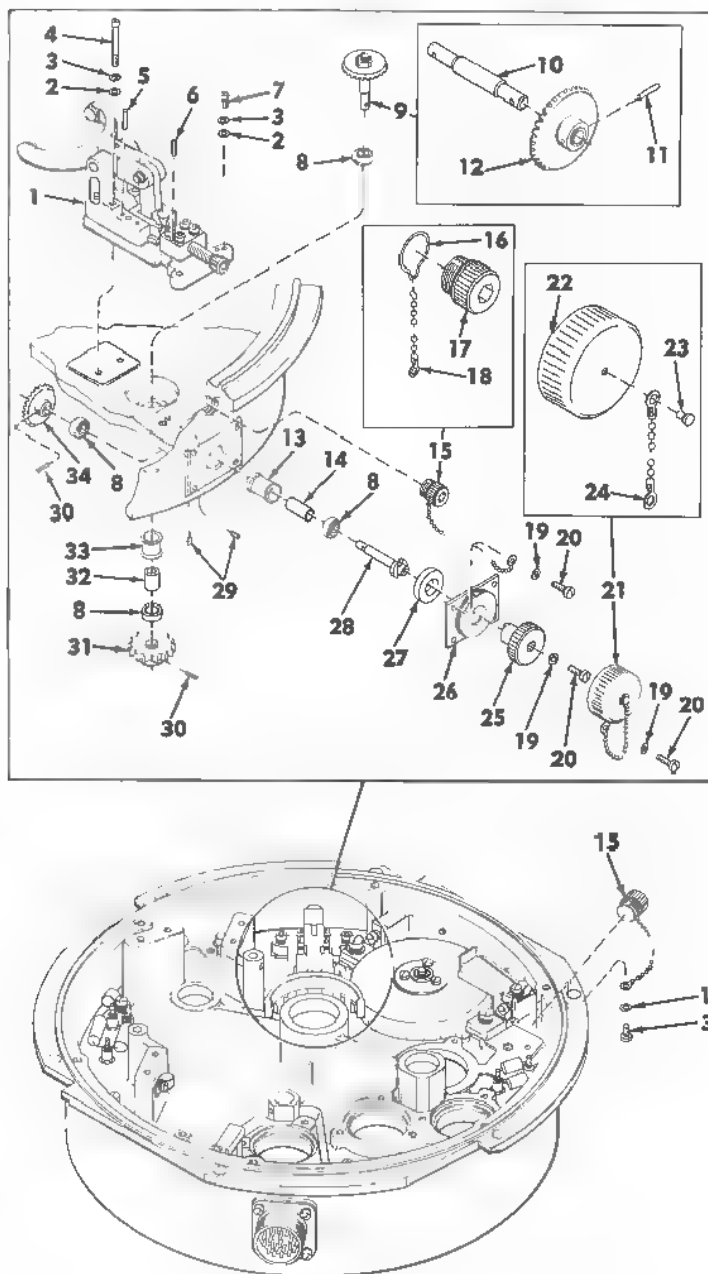
FIGURE 55. TRANSMITTER, POSITION, GUIDED MISSILE /9007946/-PARTIAL EXPLODED VIEW



ORD G304743

1	SHAFT 8008618.....	2		31	SCREW MS35206-264.....	2
2	WASHER AN960C516L.....	2		32	WASHER MS35338-43.....	2
3	RING MS16624-1031.....	2		33	WASHER 8005253.....	2
4	ARM 8006030.....	1		34	PIN 544087.....	2
5	PIN 8008623.....	1		35	RING MS16624-1028.....	1
6	ARM 8008640.....	1		36	BRACKET 8171743.....	1
7	INSERT 8012462.....	2		37	SHIM 8172437.....	1
8	NUT MS35649-264.....	2		38	WASHER 61-0542-1.....	3
9	SCREW 8008620.....	2		39	WASHER MS35338-45.....	3
10	WASHER 58188-2.....	2		40	POST 8008621.....	2
11	BEARING 713532.....	1		41	BEARING ASSEMBLY 8171778.....	1
12	SPRING 8008629.....	2			SEE FIGURE 48 FOR DETAILS	
13	INSULATOR 7598341.....	2		42	PCST 8008622.....	1
14	SWITCH 7599566.....	4				
15	SPACER 7598348.....	2				
16	WASHER MS35338-41.....	4				
17	SCREW MS35206-237.....	4				
18	POST 8008706.....	2				
19	WASHER MS35338-44.....	2				
20	WASHER MS27183-10.....	2				
21	SETScrew MS51963-34.....	3				
22	GEAR 8171744.....	1				
23	ARM 8171754.....	1				
24	PIN 8008623.....	1				
25	ARM 8171746.....	1				
26	INSERT 8012462.....	2				
27	NUT 503825.....	2				
28	SCREW 8008620.....	2				
29	WASHER 58188-2.....	2				
30	BEARING 713532.....	1				

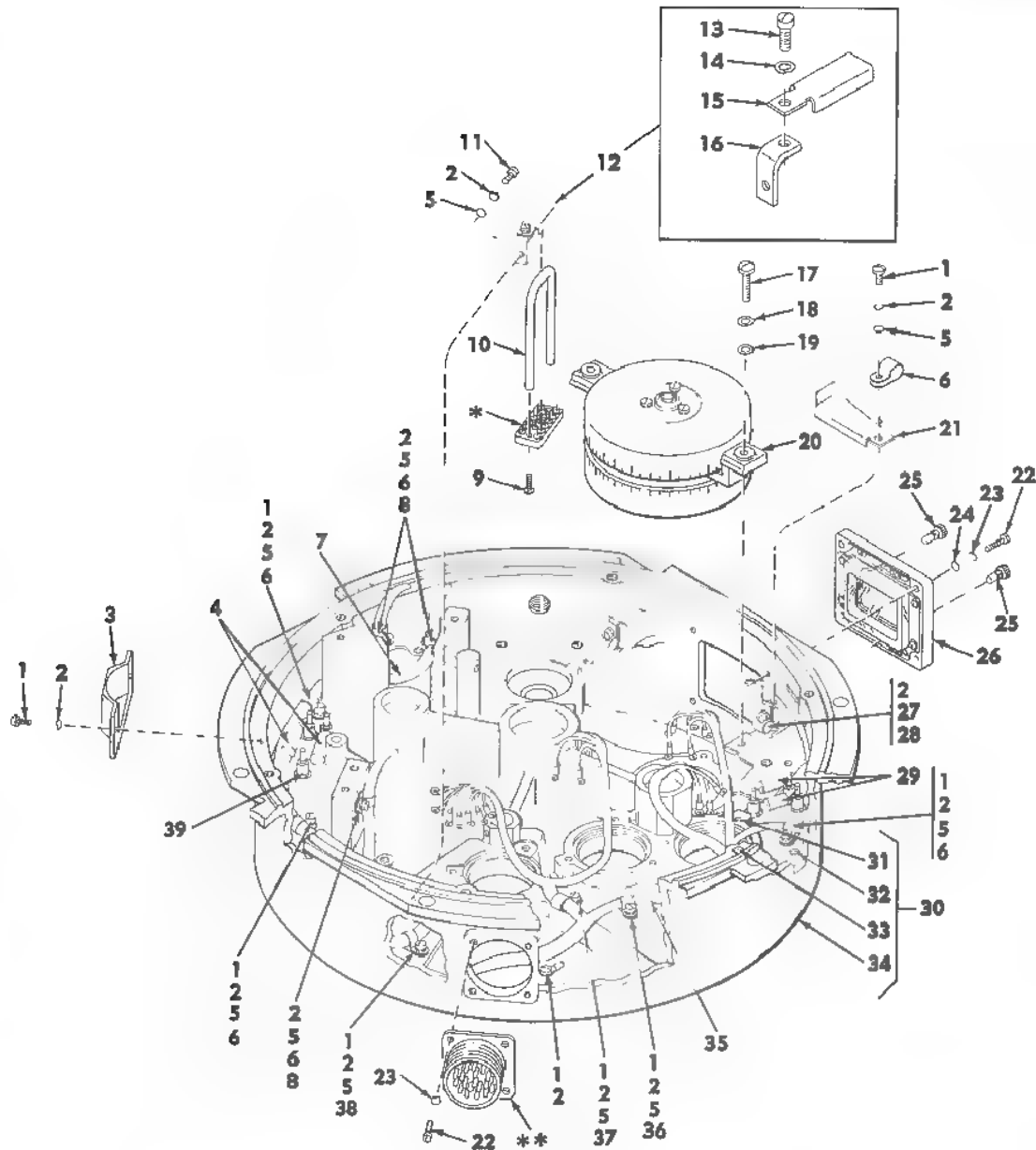
FIGURE 56. TRANSMITTER, POSITION, GUIDED MISSILE /9007946/-PARTIAL EXPLODED VIEW



ORD G304744

1	ACTUATOR ASSEMBLY	11	PIN MS16562-204.....1	24	CHAIN 7598438.....1
	8520111.....1	12	GEAR 8517376.....1	25	KNOB 8008629.....1
	SEE FIGURE 49 FOR DETAILS	13	SPACER 8171736.....1	26	PLATE 7604698.....1
2	WASHER 8005253.....4	14	SLIDE 8171735.....1	27	WASHER 7598414.....1
3	WASHER MS35338-43.....4	15	PLUG 8009140.....2	28	SHAFT 8171701.....1
4	SCREW MS16997-51.....2	16	RING 7598435.....1	29	SETSCREW MS51963-34.....2
5	PIN 544087.....2	17	PLUG 8008705.....1	30	PIN MS16562-204.....2
6	PIN 544119.....2	18	CHAIN 7598439.....1	31	GEAR 8171742.....1
7	SCREW MS16997-46.....2	19	WASHER MS35338-42.....6	32	SPACER 8009143.....1
8	BEARING #1-9.....4	20	SCREW MS35206-246.....5	33	SPACER 8008715.....1
9	GEAR AND SHAFT ASSEMBLY	21	COVER 7604720.....1	34	GEAR 8006058.....1
	8172264.....1	22	CAP 7604699.....1	35	SCREW MS35206-243.....1
10	SHAFT 8172263.....1	23	STUD 7598415.....1		

FIGURE 57. TRANSMITTER, POSITION, GUIDED MISSILE /9007446/-PARTIAL EXPLODED VIEW

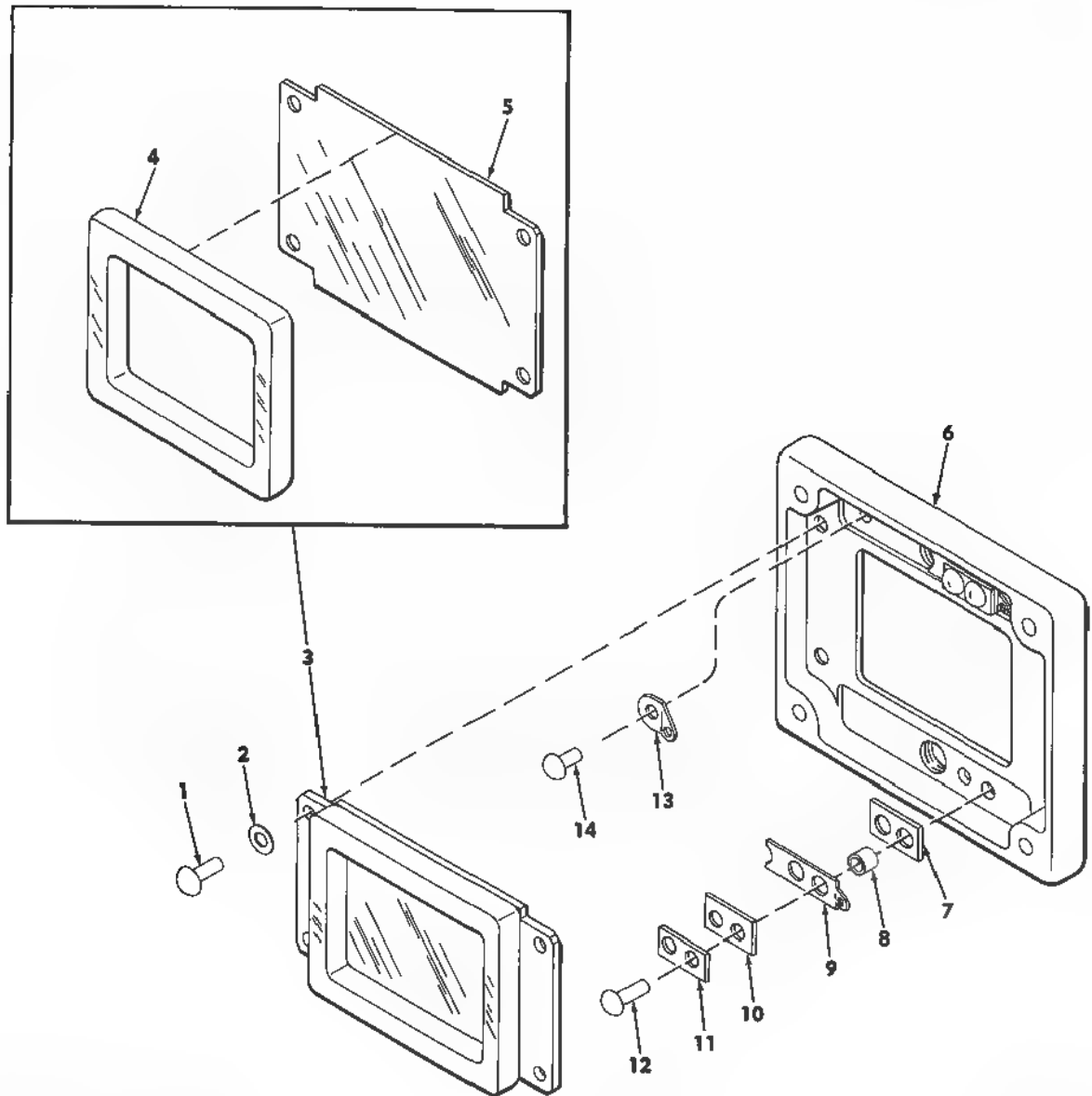


ORD G328900

1 SCREW MS35206-243.....10	16 BRACKET 8021329.....1	31 INSERT 452616.....6
2 WASHER MS35338-42.....16	17 SCREW MS35206-203.....2	32 INSERT 452600.....6
3 COVER 8171751.....1	18 WASHER MS35338-44.....2	33 INSERT 8024419.....6
4 RESISTOR 7599268.....2	19 WASHER MS27183-10.....2	34 HOUSING 9008046-1.....1
5 WASHER MS27183-7.....11	20 DIAL 8171842.....1	35 WIRING HARNESS 8172452.....1
6 CLAMP MS25281R3.....7	SEE FIGURE 50 FOR DETAILS	SEE FIGURE 278, NUMBER 4
7 WIRING HARNESS 8172453.....1	21 BRACKET 8171747.....1	FOR DETAILS
SEE FIGURE 278, NUMBER 10	22 SCREW MS35206-230.....8	36 CLAMP NAS1397K6N.....1
FOR DETAILS	23 WASHER MS35338-41.....8	37 CLAMP NAS1397R7.....1
8 SCREW MS16997-31.....3	24 WASHER 8005252.....4	38 CLAMP NAS1397K5N.....1
9 SCREW MS35206-217.....2	25 LAMP MS25236-323.....2	39 TERMINAL ASSEMBLY
10 HANDLE 8008708.....1	26 WINDOW 8008641.....1	7605349.....6
11 SCREW MS16997-32.....1	SEE FIGURE 59 FOR DETAILS	
12 BRACKET 802133C.....1	27 SCREW MS35206-241.....2	
13 SCREW MS35265-43.....1	28 CLIP 8172935.....2	
14 WASHER MS35338-42.....1	29 RESISTOR RCR42G220JS.....2	
15 BRACKET 8021328.....1	30 HOUSING 9008046.....1	

\* COMPONENT OF ITEM 7  
\*\* COMPONENT OF ITEM 35

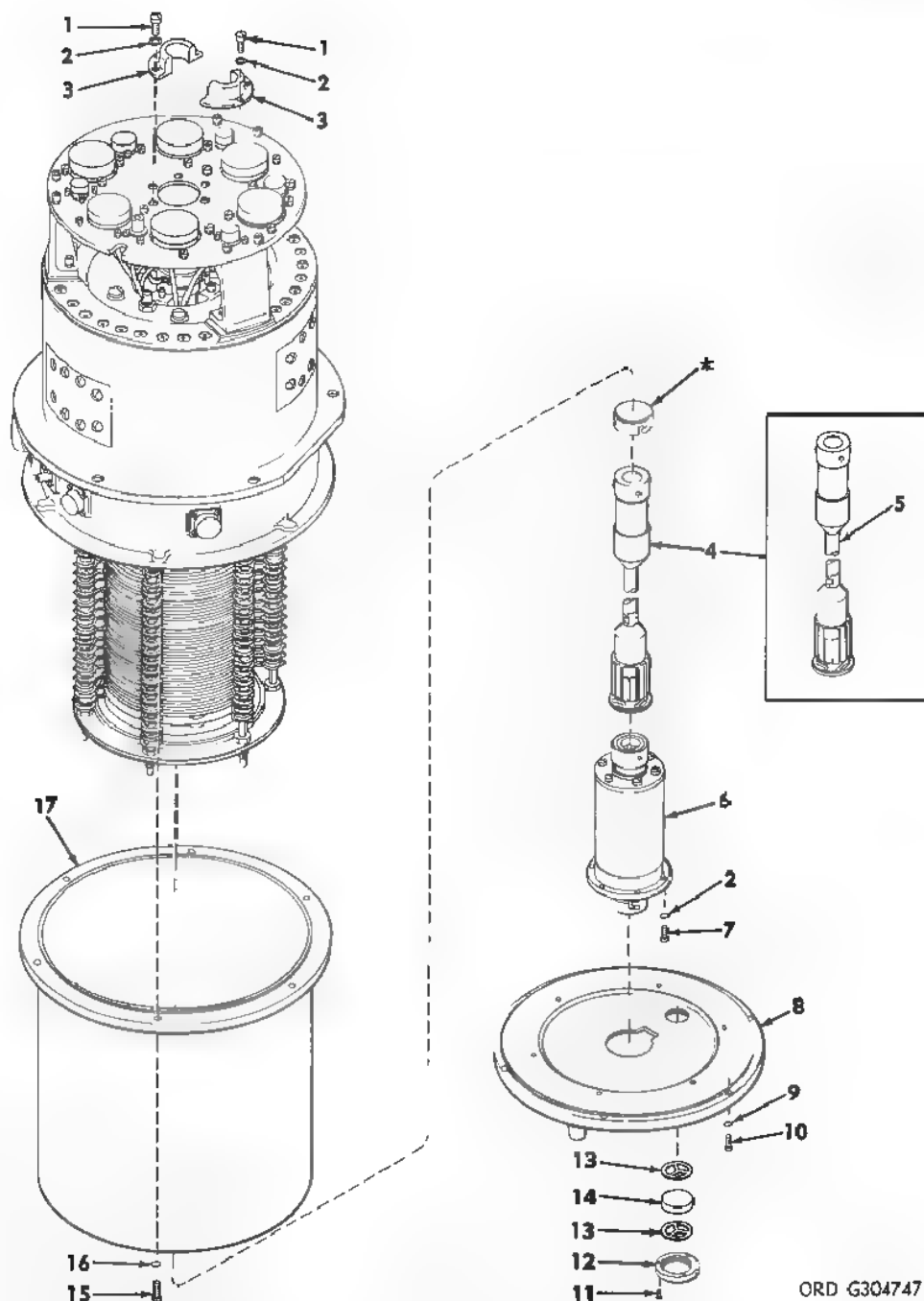
FIGURE 38. TRANSMITTER, POSITION, GUIDED MISSILE /9007946/-PARTIAL EXPLODED VIEW



ORD G304746

1 RIVET 8170124.....4	6 FRAME 8008642.....1	11 PLATE 7598417.....2
2 WASHER 7598440.....4	7 INSULATOR 7598418.....2	12 RIVET MS20426B4-7.....4
3 WINDOW 8008671.....1	8 INSULATOR 7598416.....4	13 TERMINAL 8516062.....1
4 FRAME 8008644.....1	9 CONTACT 7604700.....2	14 RIVET MS20426B3-4.....1
5 WINDOW 8008643.....1	10 INSULATOR 7598525.....2	

FIGURE 59. WINDOW, OBSERVATION /8008641/-EXPLODED VIEW  
/SEE FIGURE 58 FOR NEXT HIGHER ASSEMBLY/



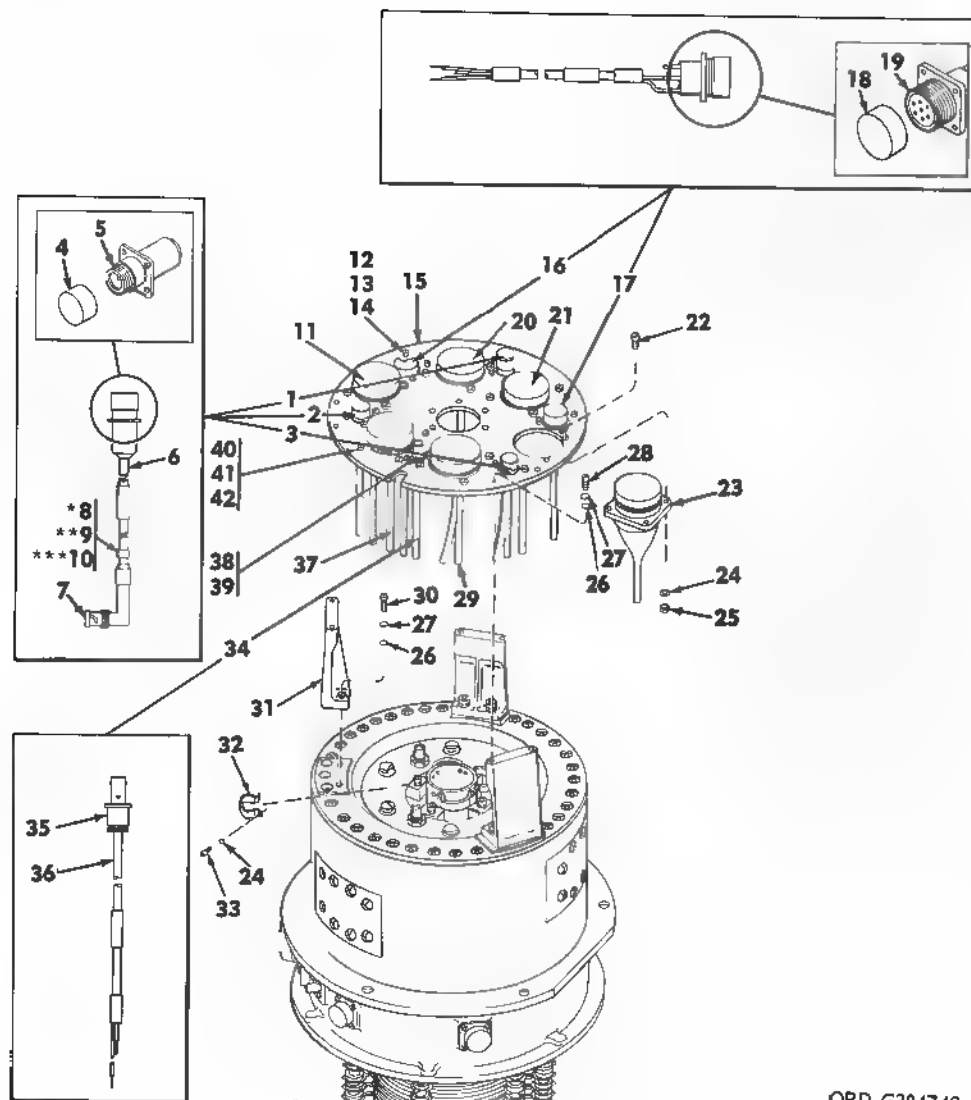
ORD G304747

1	SCREW MS35206-245.....6	7	SCREW MS16997-33.....6	14	FILTER 8021091.....1
2	WASHER MS35338-42.....12	8	COVER 8171922.....1	15	SCREW MS16997-61.....6
3	PLATE 8171945.....2	9	WASHER MS35338-43.....6	16	WASHER MS35338-44.....6
4	CABLE ASSEMBLY 8517539.....1	10	SCREW MS16997-44.....6	17	HOUSING 8171912.....1
	5 CABLE ASSEMBLY	11	SCREW MS35190-225.....3		
	8515472.....1	12	RETAINER 8021092.....1		
6	CONNECTOR ASSEMBLY	13	RETAINER 8021093.....2		
	8171940.....1				
	SEE FIGURE 66 FOR DETAILS				

\* COMPONENT OF ITEM 6

FIGURE 60. RING ASSEMBLY, ELECTRICAL CONTACT /9009416/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 5 FOR NEXT HIGHER ASSEMBLY/



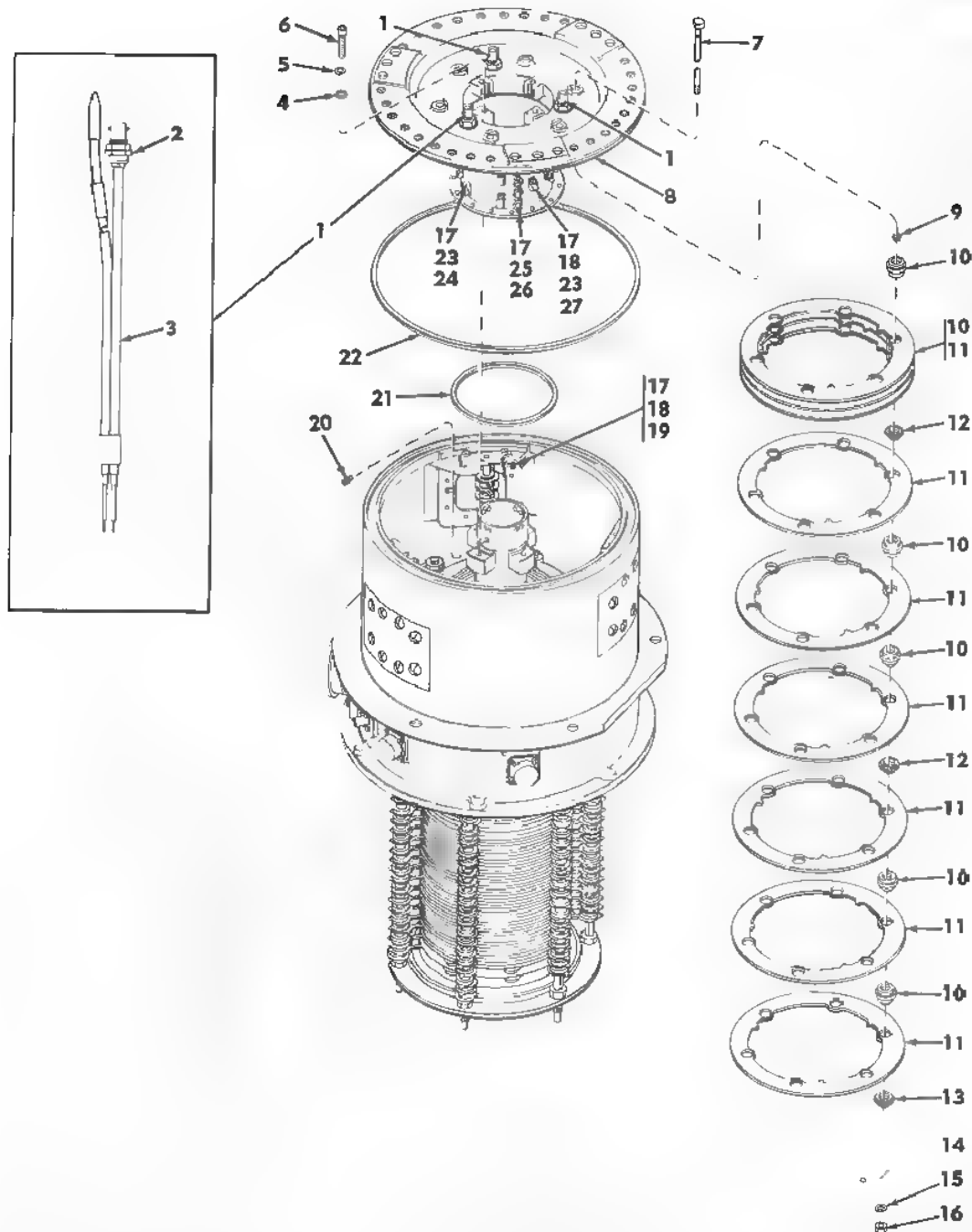


ORD G304748

1	CABLE ASSEMBLY	9009735.....1	19	CONNECTOR		31	BRACKET	9009421.....3
2	CABLE ASSEMBLY	9009733.....1		MS3102R16S-12.....1		32	STRAP	9009993.....4
3	CABLE ASSEMBLY	9009734.....1	20	WIRING HARNESS	9009729.....1	33	SCREW	MS16997-31.....8
4	CAP	MS25178-10.....1		SEE FIGURE 278, NUMBER 26		34	CABLE ASSEMBLY	9172997.....1
5	CONNECTOR	8175567.....1		FOR DETAILS		35	CONNECTOR	9002986.....1
6	CABLE	RG223J.....1	21	WIRING HARNESS	9009724.....1	36	CABLE	3595.....1
7	CONNECTOR			SEE FIGURE 278, NUMBER 29		37	WIRING HARNESS	9009728.....1
8	MS39012-20-0001.....1			FOR DETAILS			SEE FIGURE 278, NUMBER 28	
9	PLATE	7607791.....1	22	SCREW	MS35206-245.....20		FOR DETAILS	
10	PLATE	7607795.....1	23	WIRING HARNESS	9009725.....1	38	SCREW	9024653.....4
11	WIRING HARNESS	9009727.....1		SEE FIGURE 278, NUMBER 38		39	WASHER	AN935-3.....4
	FOR DETAILS			FOR DETAILS		40	SCREW	MS35206-230.....4
12	SCREW	MS35206-215.....20	24	WASHER	MS35338-42.....28	41	WASHER	MS35338-41.....4
13	WASHER	MS35338-40.....20	25	NUT	MS35649-282.....20	42	NUT	MS35649-262.....4
14	NUT	MS35649-242.....20	26	WASHER	MS27183-8.....12			
15	PLATE	8171943.....1	27	WASHER	MS35338-43.....12			
16	CABLE ASSEMBLY	8173000.....1	28	SCREW	MS16997-44.....6			
17	CABLE ASSEMBLY	8173001.....1	29	WIRING HARNESS	9009726.....1			
18	CAP	8179172.....1		SEE FIGURE 278, NUMBER 21				
				FOR DETAILS				
			30	SCREW	MS16997-46.....6			

\* COMPONENT OF ITEM 1  
 \*\* COMPONENT OF ITEM 2  
 \*\*\* COMPONENT OF ITEM 3

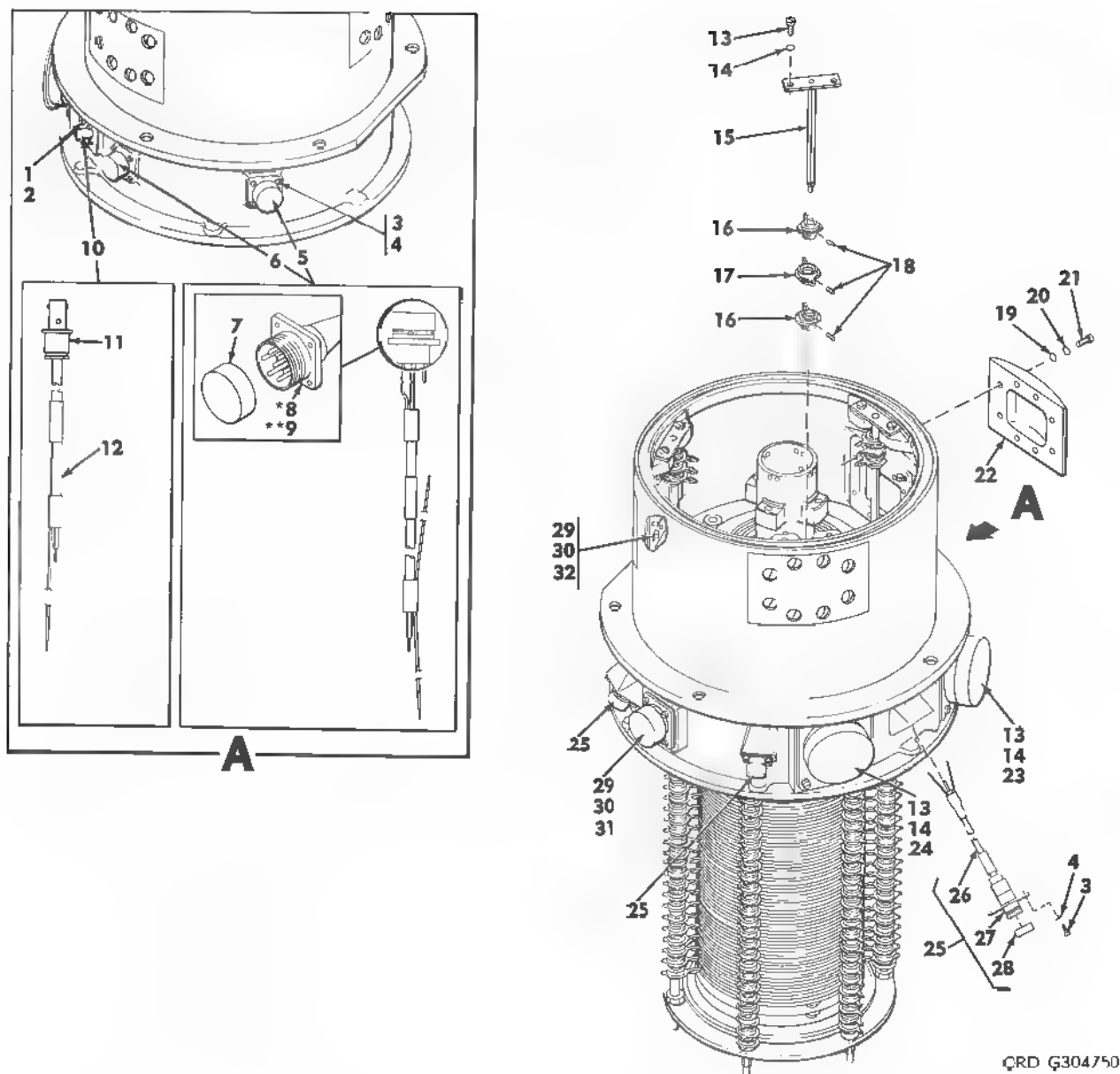
FIGURE 61. RING ASSEMBLY, ELECTRICAL CONTACT /9009416/-PARTIAL EXPLODED VIEW



ORD G304749

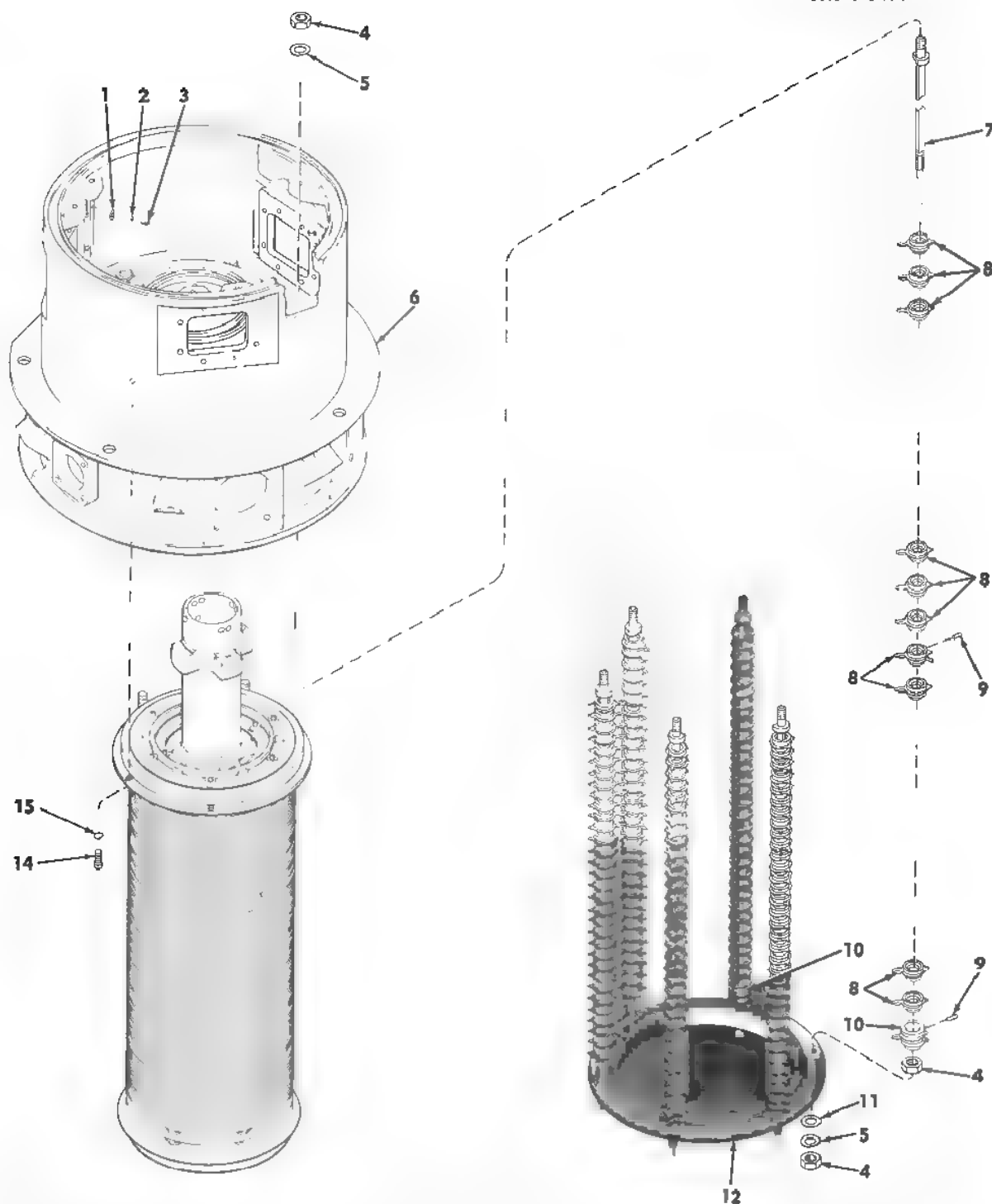
1	CABLE ASSEMBLY 9009719.....3	10	INSULATOR 8021454.....42	20	PIN 9009433.....1
2	CONNECTOR	11	RING 9009420.....1	21	SHIELDING GASKET 8005213.....1
	M39012-19-0001.....1	12	INSULATOR 9021453.....12	22	SHIELDING GASKET 8005212.....1
3	CABLE RG223L.....1	13	INSULATOR 8021452.....6	23	SCREW MS35206-227.....18
4	WASHER MS27183-10.....4	14	RING 9009428.....1	24	TERMINAL 8021474.....3
5	WASHER MS35338-44.....4	15	WASHER MS35338-43.....6	25	TERMINAL 8175334.....18
6	SCREW MS16997-64.....4	16	NUT MS35649-242.....6	26	SCREW MS16997-18.....18
7	BOLT 9009426.....6	17	WASHER MS35338-41.....38	27	WASHER MS27183-6.....17
8	COVER 9009637.....1	18	CLAMP NAS1397K3N.....17		
9	RING MS16624-1018.....6	19	SCREW MS35206-230.....2		

FIGURE 62. RING ASSEMBLY, ELECTRICAL CONTACT / 9009416/-PARTIAL EXPLODED VIEW



1 SCREW 9024653.....4	15 HOLDER 9009432.....3	26 CABLE RG223U.....1
2 WASHER AN#35-3.....4	16 ARM ASSEMBLY 8517017.....6	27 CONNECTOR 8175567.....1
3 SCREW MS35206-215.....12	17 ARM ASSEMBLY 8517016.....3	28 CAP MS25178-10.....1
4 WASHER MS35338-40.....12	18 SETSCREW MS51963-21.....10	29 SCREW MS35206-230.....5
5 CABLE ASSEMBLY 8172999.....1	19 WASHER MS27183-8.....24	30 WASHER MS35338-41.....5
6 CABLE ASSEMBLY 8172998.....1	20 WASHER MS35338-43.....24	31 WIRING HARNESS 9009732.....1
7 CAP 8179172.....1	21 SCREW MS35206-263.....24	SEE FIGURE 278, NUMBER 22
8 CONNECTOR 9003407.....1	22 COVER 9009422.....3	FOR DETAILS
9 CONNECTOR MS102R16S17.....1	23 WIRING HARNESS 9009718.....1	32 CLAMP NAS1397K3N.....1
10 CABLE ASSEMBLY 8172996.....1	SEE FIGURE 278, NUMBER 25	
11 CONNECTOR 9002986.....1	24 WIRING HARNESS 9009717.....1	
12 CABLE 3595.....1	SEE FIGURE 278, NUMBER 30	
13 SCREW MS35206-245.....14	FOR DETAILS	
14 WASHER MS35338-42.....14	25 CABLE ASSEMBLY 9009712.....3	
		* FOR ITEM 5
		** FOR ITEM 6

FIGURE 63. RING ASSEMBLY, ELECTRICAL CONTACT /9009416/-PARTIAL EXPLODED VIEW



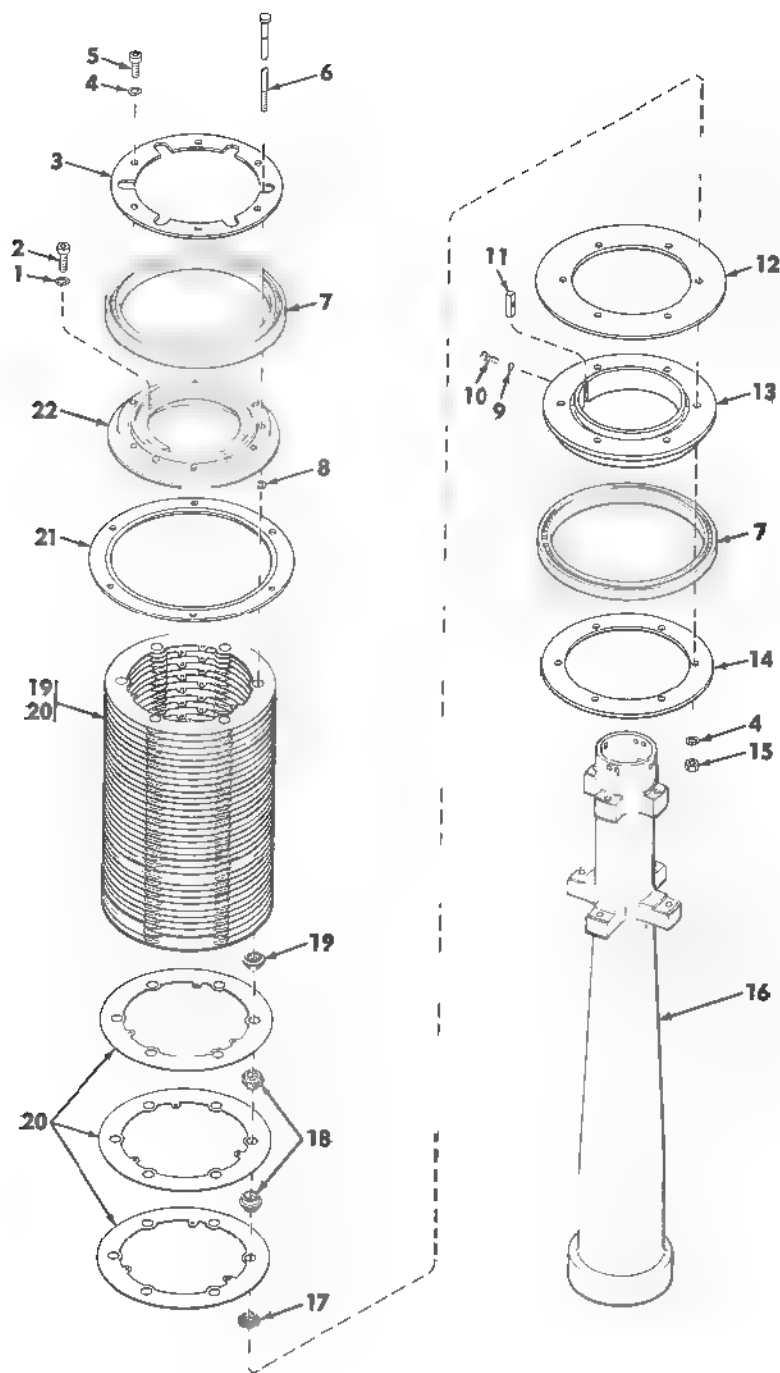
ORD G304751

1 CLAMP MS25281R3.....2  
2 WASHER MS35338-41.....2  
3 SCREW MS35206-230.....2  
4 NUT MS51967-5.....18  
5 WASHER MS35338-45.....12  
6 HOUSING 9009994.....1

7 SHAF\* RING ASSEMBLY  
9009431.....6  
8 ARM ASSEMBLY 8517016.....196  
9 SETSCREW MS51963-21.....400  
10 CONTACT ASSEMBLY 9011621.....2  
11 WASHER 61-0542-1.....6

12 RETAINER 8171926.....1  
13 ARM ASSEMBLY 8517017.....2  
14 SCREW MS16997-47.....6  
15 WASHER MS35338-43.....6

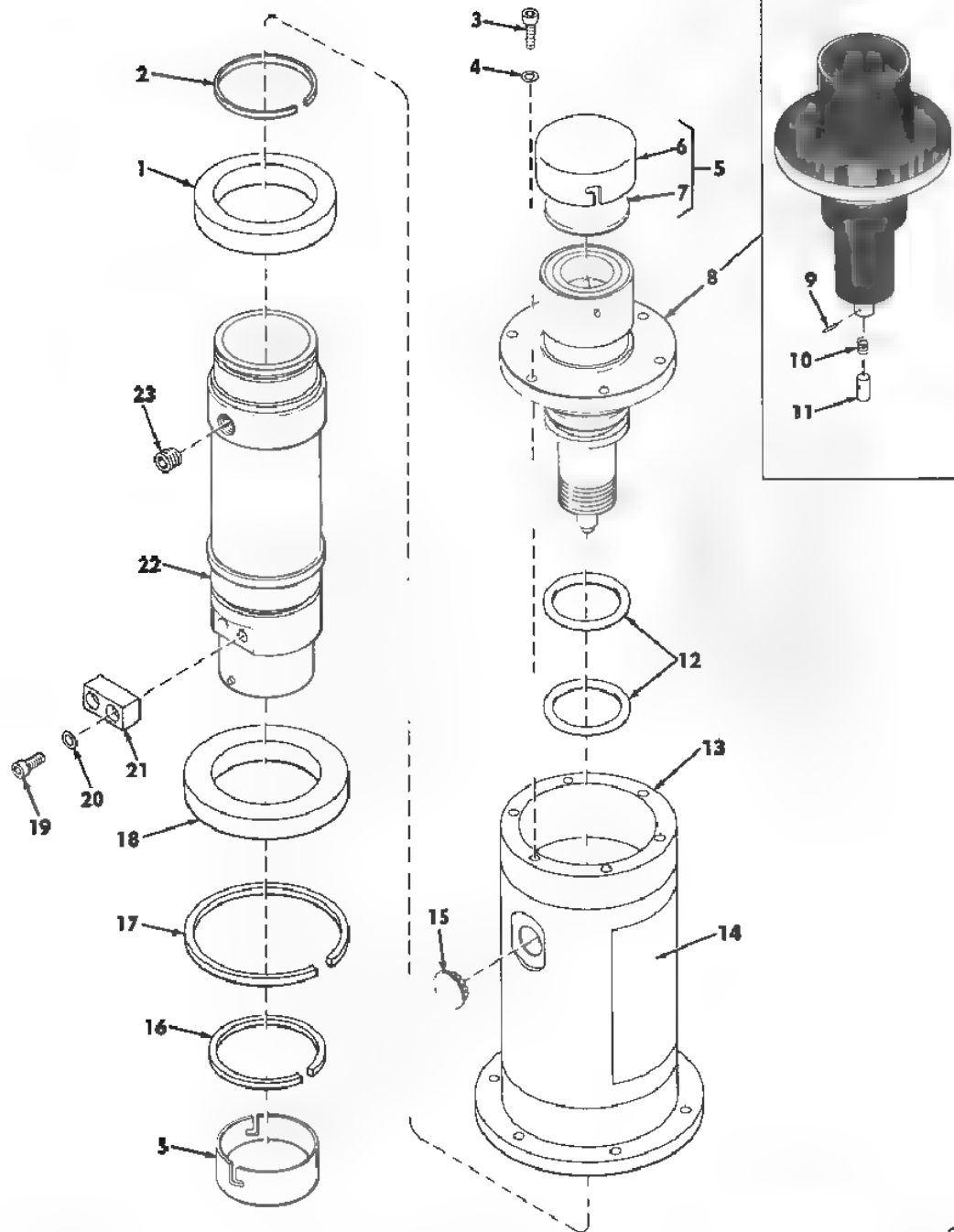
FIGURE 64. RING ASSEMBLY, ELECTRICAL CONTACT /9009416/-PARTIAL EXPLODED VIEW



ORD G280532

1 WASHER MS35338-44.....4	9 WASHER MS35338-42.....1	17 INSULATOR 8021452.....6
2 SCREW MS16997-60.....4	10 SCREW MS16997-32.....1	18 INSULATOR 8021454.....12
3 RING 9009429.....1	11 NUT 8171949.....1	19 INSULATOR 8021453.....582
4 WASHER MS35338-43.....12	12 SHIELD 8171939.....1	20 RING 8021457.....99
5 SCREW MS16997-46.....6	13 RETAINER 8171928.....1	21 RING 9009430.....1
6 BOLT 9009427.....6	14 SPACER 8171942.....1	22 RING 9009425.....1
7 BEARING 8171950.....2	15 NUT MS35649-202.....6	
8 RING MS16624-1018.....6	16 SHAFT 9009419.....1	

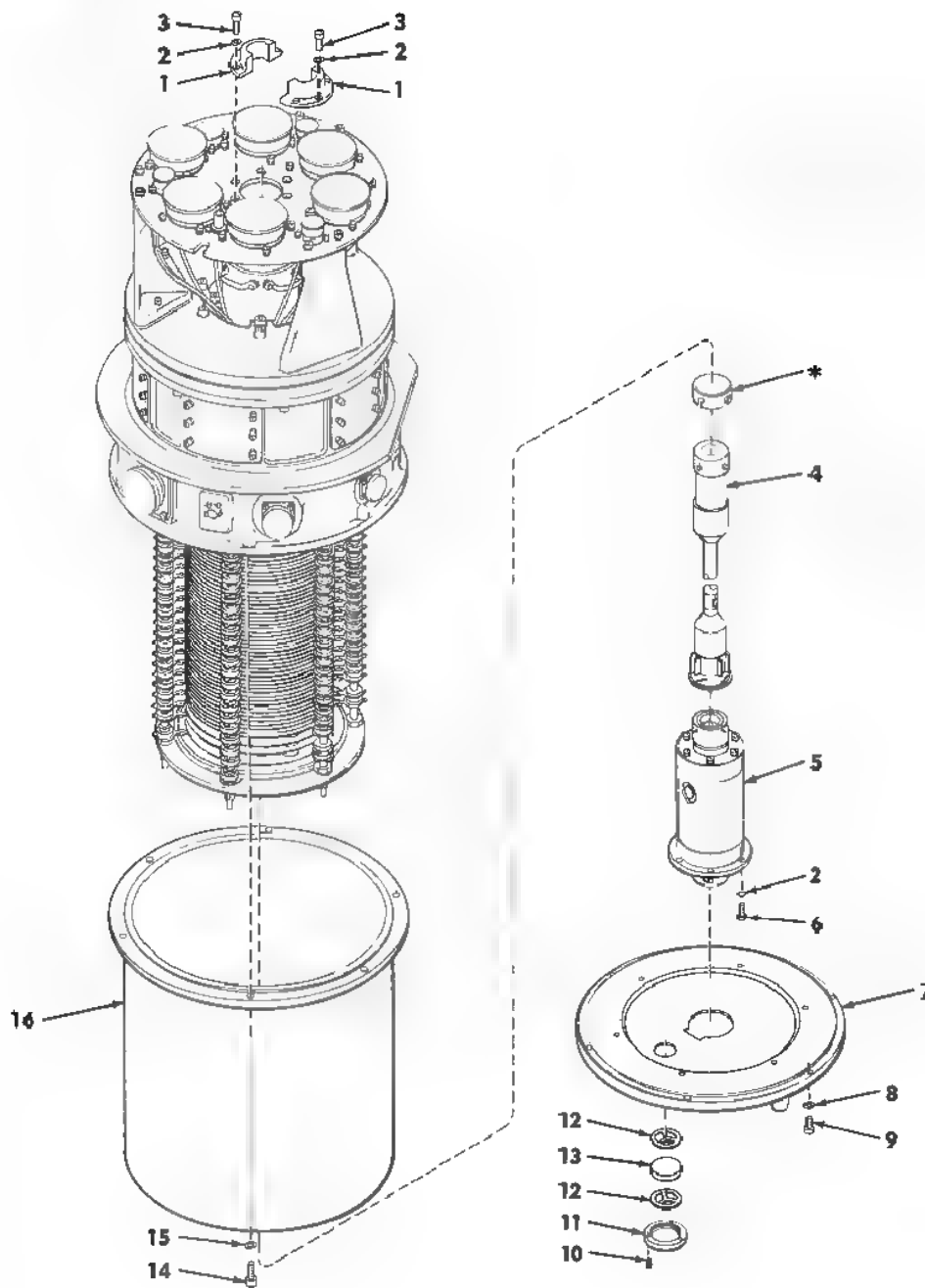
FIGURE 65. RING ASSEMBLY, ELECTRICAL CONTACT /9009416/-PARTIAL EXPLODED VIEW



ORD G304752

1 BEARING MS27642-25.....1	9 PIN MS16562-191.....1	17 RING 8512183.....1
2 RING 8512181.....1	10 SPRING 8171941.....1	18 BEARING MS20202KP29B.....1
3 SCREW MS16997-32.....6	11 PIN 8171933.....1	19 SCREW MS16997-19.....2
4 WASHER 7601528.....6	12 PACKING AN6227-21.....2	20 WASHER MS35338-41.....2
5 CAP 8171929.....2	13 HOUSING 8171918.....1	21 BLOCK 8171937.....1
6 CAP 8171931.....1	14 DECAL 10167289.....1	22 CONNECTOR 8171934.....1
7 GASKET 8171930.....1	15 BUTTON 432466.....1	23 PLUG 8531006.....1
8 CONNECTOR 8171935.....1	16 RING 8512182.....1	

FIGURE 66. CONNECTOR ASSEMBLY, ELECTRICAL (8171940)-EXPLODED VIEW  
/SEE FIGURES 60 AND 67 FOR NEXT HIGHER ASSEMBLY/

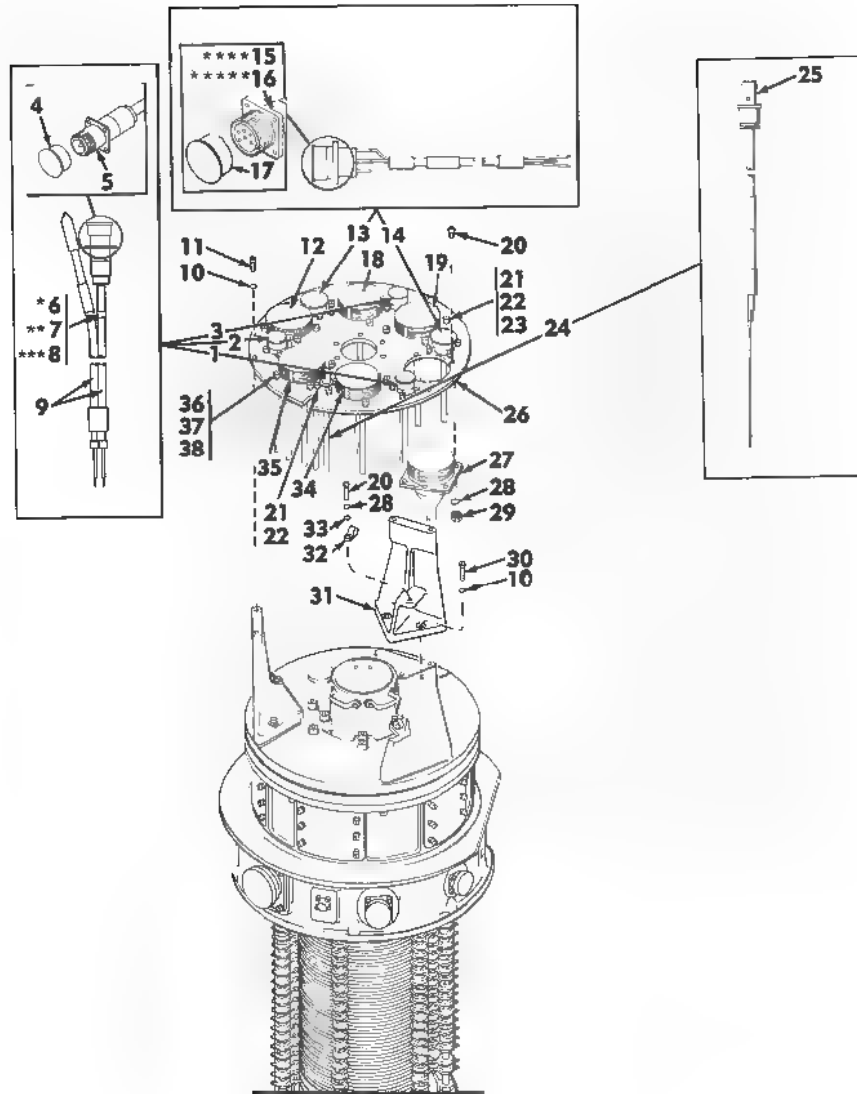


QRD G304753

1	PLATE 8171945.....2	6	SCREW MS16997-20.....6	13	FILTER 8021091.....1
2	WASHER MS35338-42.....12	7	COVER 8171922.....1	14	SCREW MS16997-61.....6
3	SCREW MS35265-45.....6	8	WASHER MS35338-43.....6	15	WASHER MS35338-44.....6
4	CABLE ASSEMBLY 8517539.....1	9	SCREW MS16997-44.....6	16	HOUSING 8171912.....1
5	CONNECTOR ASSEMBLY 8171940.....1	10	SCREW MS35190-225.....3		
	SEE FIGURE 66 FOR DETAILS	11	RETAINER 8021092.....1		
		12	RETAINER 8021093.....2		

\* COMPONENT OF ITEM 4

FIGURE 67. RING ASSEMBLY, ELECTRICAL CONTACT /8171910/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 5 FOR NEXT HIGHER ASSEMBLY/



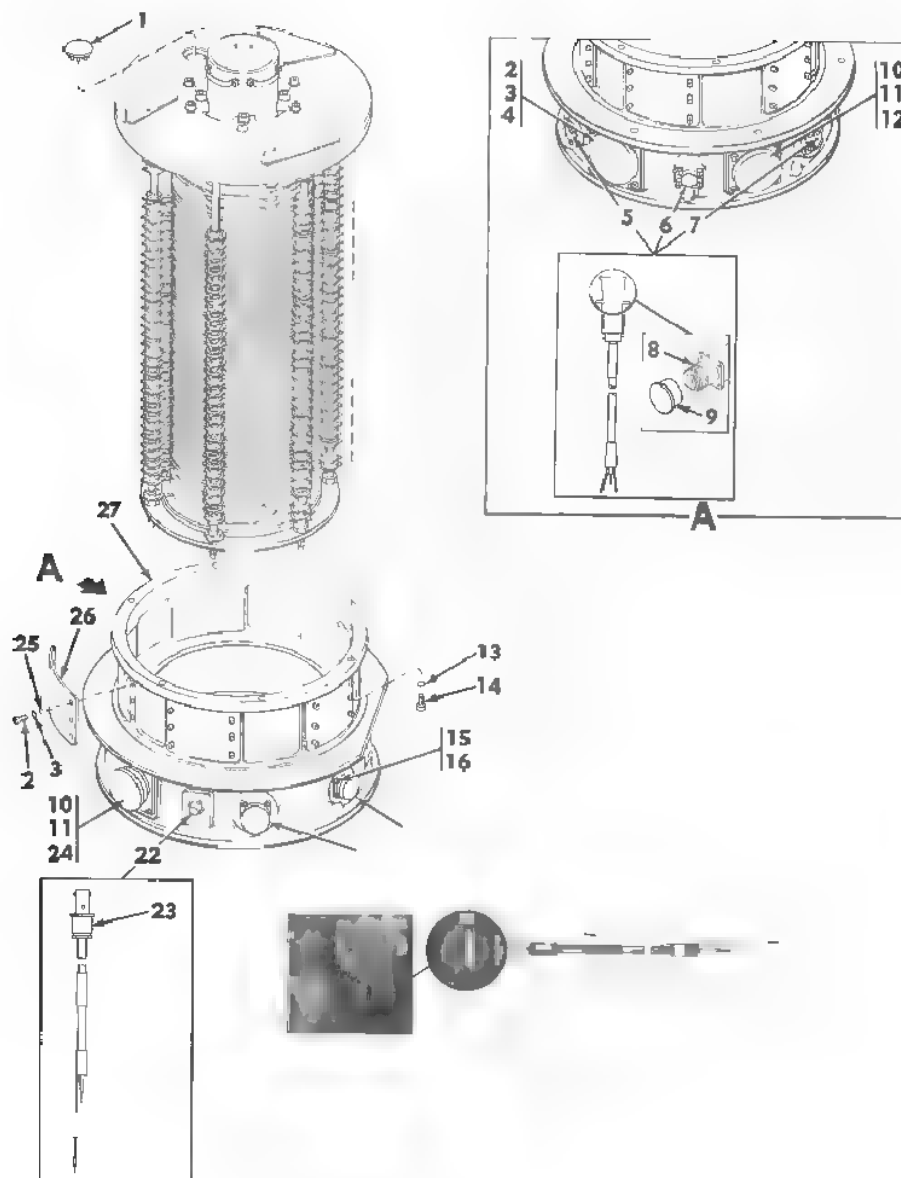
ORD G304754

1	CABLE ASSEMBLY 8171952.....1	18	WIRING HARNESS 8173057.....1	32	CLAMP NAS1397R7.....3
2	CABLE ASSEMBLY 8171951.....1		SEE FIGURE 278, NUMBER 35	33	WASHER MS27183-7.....3
3	CABLE ASSEMBLY 8171953.....1		FOR DETAILS	34	WIRING HARNESS 8173054.....1
4	CAP MS25178-10.....1	19	WIRING HARNESS 8173052.....1		SEE FIGURE 278, NUMBER 23
5	CONNECTOR 8175567.....1		SEE FIGURE 278, NUMBER 32		FOR DETAILS
6	PLATE 7607795.....1	20	SCREW MS35265-45.....23	35	WIRING HARNESS 8173056.....1
7	PLATE 7607794.....1	21	SCREW MS35265-15.....24		SEE FIGURE 278, NUMBER 34
8	PLATE 7607791.....1	22	WASHER MS35338-40.....24		FOR DETAILS
9	CABLE RG223U.....2	23	NUT MS35649-242.....20	36	SCREW MS35265-30.....4
10	WASHER MS35338-43.....12	24	CABLE ASSEMBLY 8172997.....1	37	WASHER MS35338-41.....4
11	SCREW MS16997-44.....6	25	CONNECTOR 9002986.....1	38	NUT MS35649-262.....4
12	WIRING HARNESS 8173055.....1	26	PLATE 8171943.....1		
	SEE FIGURE 278, NUMBER 33	27	WIRING HARNESS 8173053.....1		
	FOR DETAILS		SEE FIGURE 278, NUMBER 31		
13	CABLE ASSEMBLY 8173000.....1	28	WASHER MS35338-42.....23		
14	CABLE ASSEMBLY 8173001.....1	29	NUT MS35649-282.....20		
15	CONNECTOR	30	SCREW MS16997-47.....6		
	MS3102P16S1SW.....1	31	BRACKET 8171925.....3		
16	CONNECTOR 9003412.....1				
17	CAP 8179172.....1				

\* COMPONENT OF ITEM 1  
 \*\* COMPONENT OF ITEM 2  
 \*\*\* COMPONENT OF ITEM 3  
 \*\*\*\* COMPONENT OF ITEM 13  
 \*\*\*\*\* COMPONENT OF ITEM 14

FIGURE 68. RING ASSEMBLY, ELECTRICAL CONTACT (8171910)-PARTIAL EXPLODED VIEW

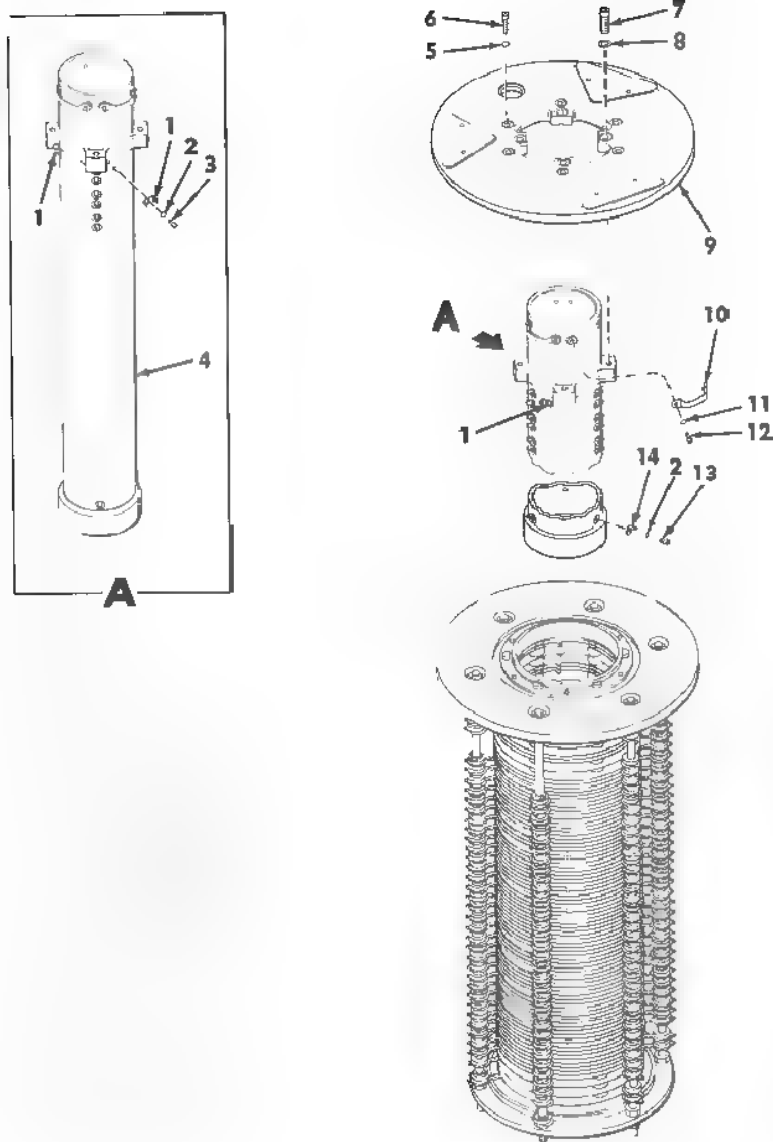




ORD G304755

- |    |                           |                   |    |                           |                   |    |                |                           |               |
|----|---------------------------|-------------------|----|---------------------------|-------------------|----|----------------|---------------------------|---------------|
| 1  | BUTTON                    | 9000518.....1     | 12 | WIRING HARNESS            | 8173005.....1     | 22 | CABLE ASSEMBLY | 8172996.....1             |               |
| 2  | SCREW                     | MS35265-30.....40 |    | SEE FIGURE 278, NUMBER 36 |                   |    | 23             | CONNECTOR                 | 9002986.....1 |
| 3  | WASHER                    | MS35338-41.....40 |    | FOR DETAILS               |                   |    | 24             | WIRING HARNESS            | 8173051.....1 |
| 4  | WIRING HARNESS            | 8173058.....1     | 13 | WASHER                    | MS35338-44.....6  |    |                | SEE FIGURE 278, NUMBER 37 |               |
|    | SEE FIGURE 278, NUMBER 24 |                   | 14 | SCREW                     | MS16997-62.....6  |    |                | FOR DETAILS               |               |
|    | FOR DETAILS               |                   | 15 | SCREW                     | MS35265-15.....24 | 25 | WASHER         | MS27183-6.....36          |               |
| 5  | CABLE ASSEMBLY            | 8173002.....1     | 16 | WASHER                    | MS35338-40.....24 | 26 | COVER          | 8171948.....1             |               |
| 6  | CABLE ASSEMBLY            | 8173003.....1     | 17 | CABLE ASSEMBLY            | 8172999.....1     | 27 | HOUSING        | 8171915.....1             |               |
| 7  | CABLE ASSEMBLY            | 8173004.....1     | 18 | CABLE ASSEMBLY            | 8172998.....1     |    |                |                           |               |
|    | 8 CONNECTOR               | 8175567.....1     | 19 | CONNECTOR                 | 9C03407.....1     |    |                |                           |               |
|    | 9 CAP                     | MS25178-10.....8  | 20 | CONNECTOR                 |                   |    |                | * COMPONENT OF ITEM 17    |               |
| 10 | SCREW                     | MS35265-45.....8  |    | MS102R16S1PM.....1        |                   |    |                | ** COMPONENT OF ITEM 18   |               |
| 11 | WASHER                    | MS35338-42.....8  | 21 | CAP                       | 8179172.....1     |    |                |                           |               |

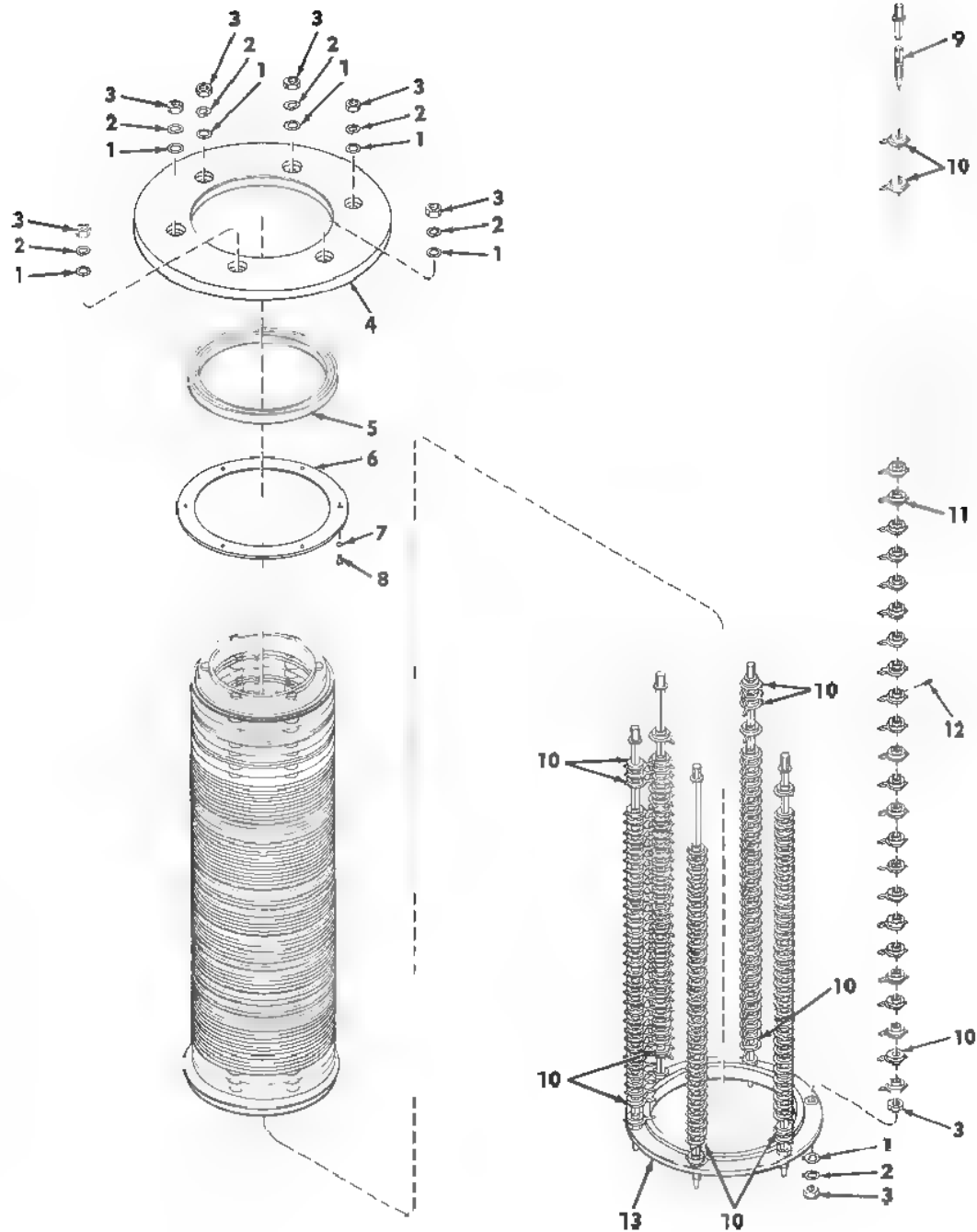
FIGURE 69. RING ASSEMBLY, ELECTRICAL CONTACT /8171910/-PARTIAL EXPLODED VIEW



ORD G304756

1	TERMINAL	8021474.....3	6	SCREW	MS16997-48.....6	11	WASHER	MS35338-42.....8
2	WASHER	MS35338-41.....24	7	SCREW	MS16997-49.....4	12	SCREW	MS16997-31.....8
3	SCREW	MS35206-227.....3	8	WASHER	MS35338-44.....4	13	SCREW	MS16997-18.....21
4	SHAFT	8171914.....1	9	PLATE	8171923.....1	14	TERMINAL	8175334.....21
5	WASHER	MS35338-43.....6	10	CLAMP	8171927.....4			

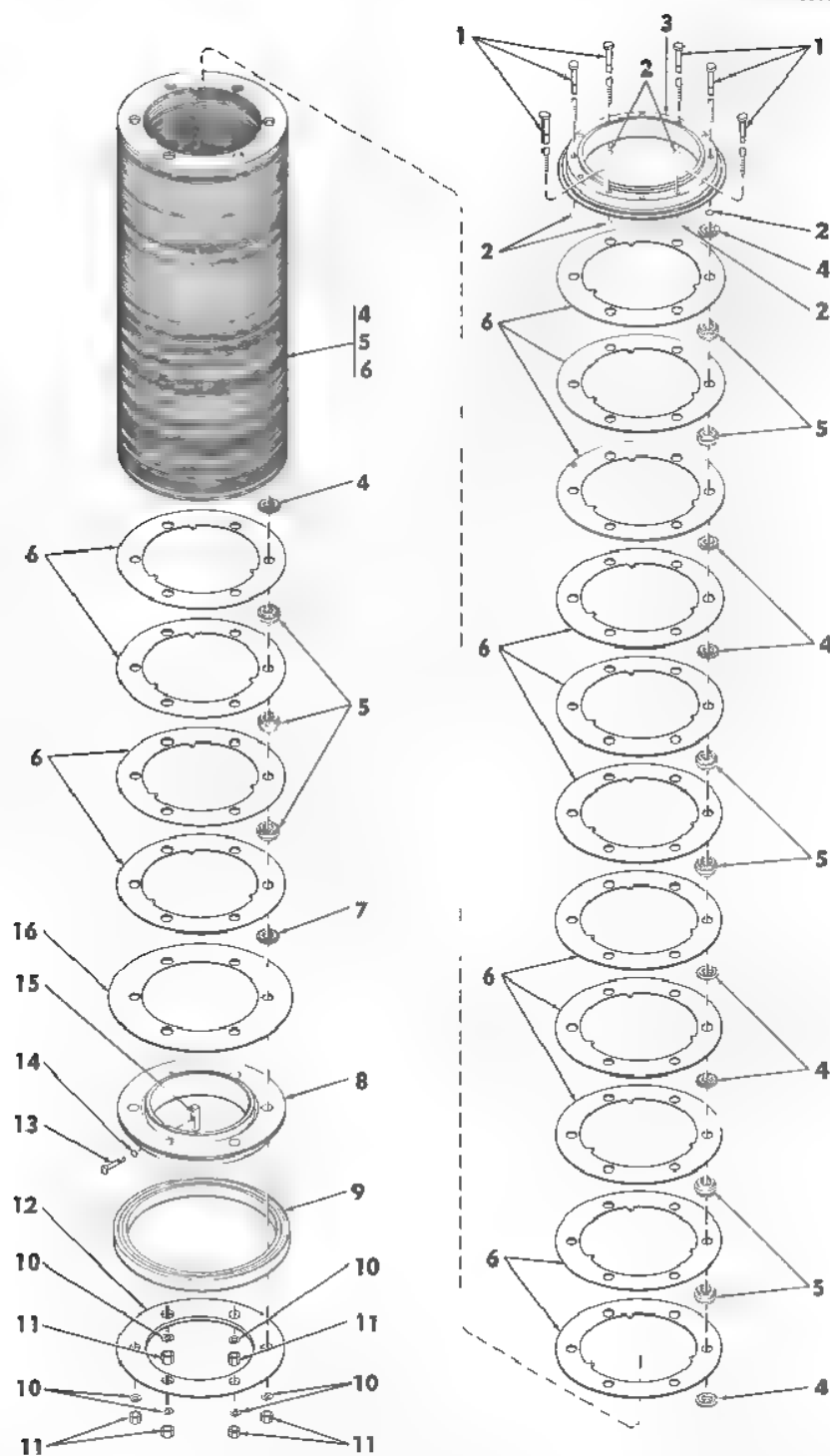
FIGURE 70. RING ASSEMBLY, ELECTRICAL CONTACT /8171910/-PARTIAL EXPLODED VIEW



ORD G304757

1 WASHER MS27183-12.....12	6 RING B171924.....1	11 ARM ASSEMBLY 8517016.....195
2 WASHER MS35338-45.....12	7 WASHER MS35338-43.....6	12 SETSCREW MS51963-21.....414
3 NUT MS51967-5.....18	8 SCREW MS16997-44.....6	13 RETAINER 8171926.....1
4 PLATE 8171911.....1	9 ROD B171944.....6	
5 BEARING 8171950.....1	10 ARM ASSEMBLY 8517017.....12	

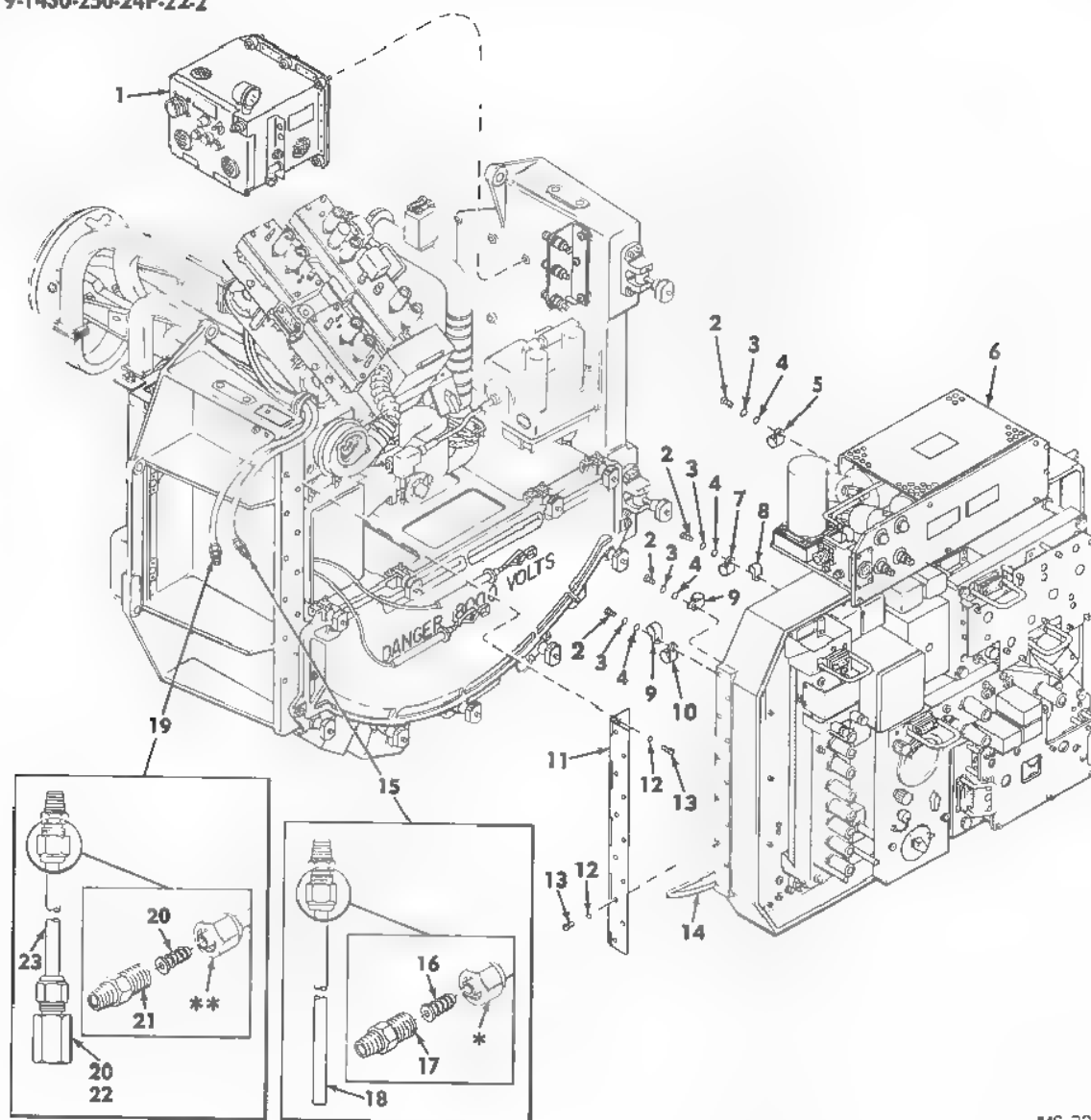
FIGURE 71. RING ASSEMBLY, ELECTRICAL CONTACT /8171910/-PARTIAL EXPLODED VIEW



1 BOLT 9171917.....6	7 INSULATOR 8021452.....6	13 SCREW MS16997-20.....1
2 RING 7599447.....6	8 RETAINER 8171928.....1	14 WASHER MS35338-42.....1
3 RING 8171924.....1	9 BEARING 8171950.....1	15 NUT 8171949.....1
4 INSULATOR 8021453.....582	10 WASHER MS35328-44.....6	16 SHIELD 8171939.....1
5 INSULATOR 8021454.....64	11 NUT MS51967-5.....6	
6 RING 8021457.....106	12 SPACER 8171942.....1	

ORD G304758

FIGURE 72. RING ASSEMBLY, ELECTRICAL CONTACT, 9171910/-PARTIAL EXPLODED VIEW



MS 328898A

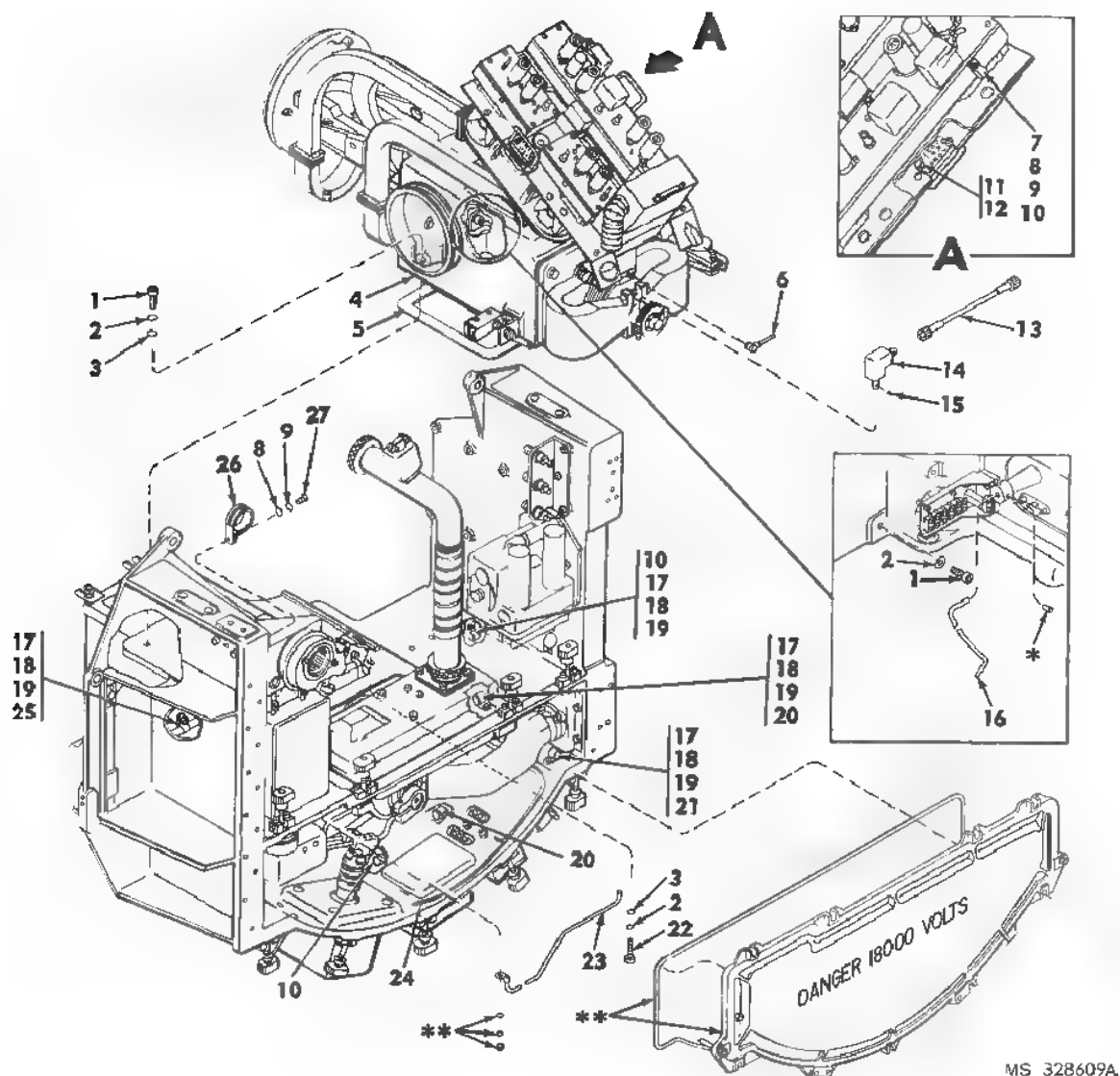
- 1 COMPRESSOR 9138649.....1  
SEE FIGURE 94 FOR DETAILS
- 2 SCREW MS35206-227.....4
- 3 WASHER MS35338-41.....4
- 4 WASHER MS27183-6.....4
- 5 CLAMP MS25281R13.....1
- 6 CONTROL-POWER SUPPLY GROUP  
10664268.....1  
SEE FIGURE 96 FOR DETAILS
- 7 CLAMP NAS1397P6N.....1
- 8 CLAMP NAS1397K9N.....1

- 9 CLAMP NAS1397R7.....2
- 10 CLAMP NAS1397K12N.....1
- 11 HINGE 8173815.....1
- 12 WASHER MS35338-43.....22
- 13 SCREW MS35206-263.....22
- 14 WIRING HARNESS 9140450.....1  
SEE FIGURE 278, NUMBER 16  
FOR DETAILS
- 15 HOSE ASSEMBLY 9154414.....1
- 16 INSERT 9154813.....1
- 17 ADAPTER 9154797.....1

- 18 HOSE 9154811.....1
- 19 HOSE ASSEMBLY 9154415.....1
- 20 INSERT 9154813.....2
- 21 ADAPTER 9154797.....1
- 22 ADAPTER 9154798.....1
- 23 HOSE 9154795.....1

\* FURNISHED WITH ITEM 17  
\*\* FURNISHED WITH ITEM 21

FIGURE 73. RECEIVER-TRANSMITTER, RADAR /MISSILE TRACKING/ (9160053) PARTIAL EXPLODED VIEW  
/SEE FIGURE 6 FOR NEXT HIGHER ASSEMBLY/

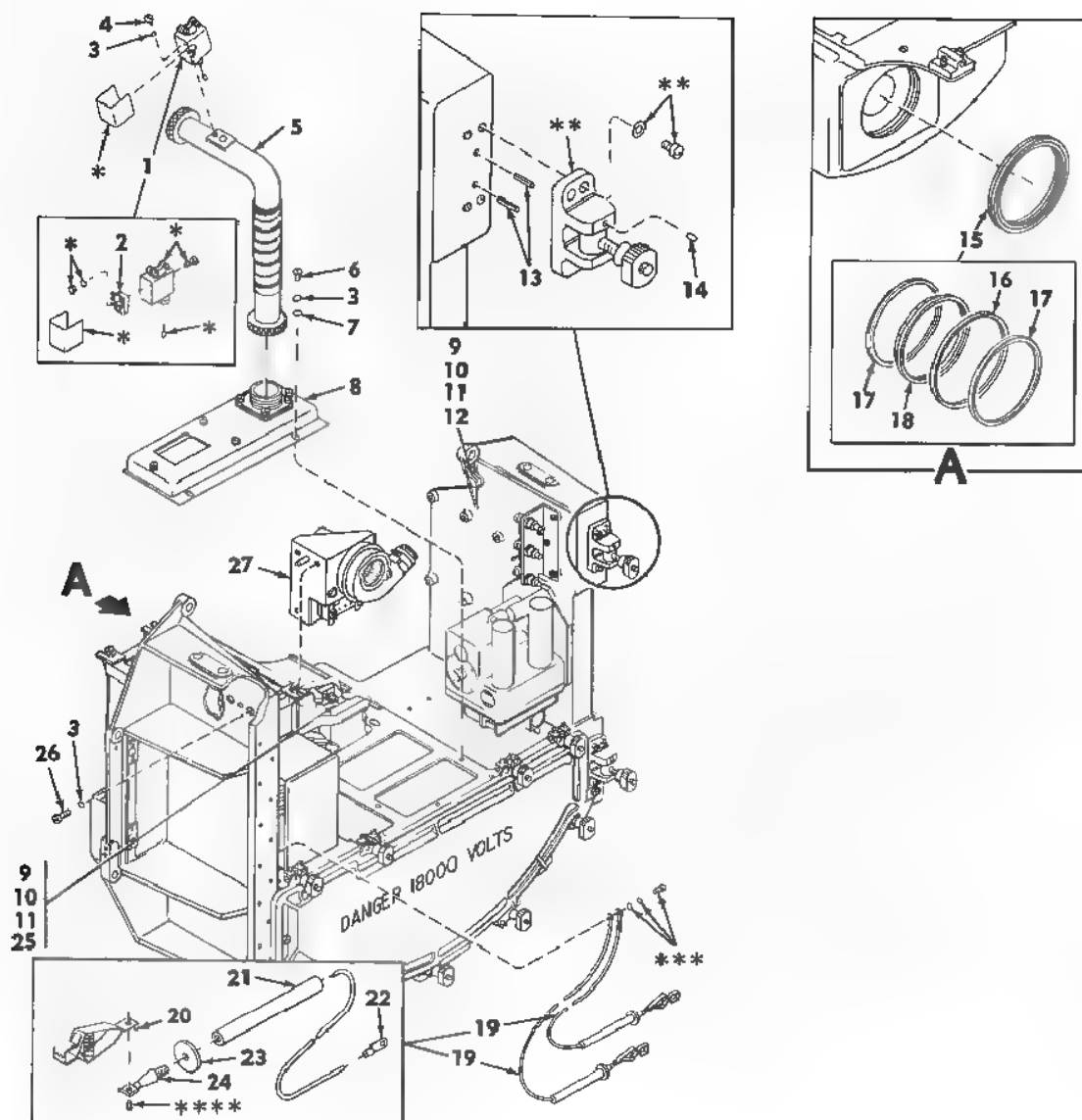


MS 328609A

1 SCREW MS16997-80.....3	11 SCREW MS35206-219.....2	23 BUS BAR 9136432.....1
2 WASHER MS35338-45.....4	12 NUT 8518675.....2	24 WIRING HARNESS 9140449.....1
3 WASHER MS27183-12.....3	13 SHAFT 8517991.....1	SEE FIGURE 278, NUMBER 5
4 RECEIVER-TRANSMITTER-RADAR	14 ADAPTER 8175129.....1	FOR DETAILS
SUBASSEMBLY 8172416.....1	15 SETSCREW MS51963-21.....1	25 CLAMP NAS1397K5N.....4
SEE FIGURE 118 FOR DETAILS	16 BUS BAR 9136430.....1	26 CLAMP NAS1397K4N.....1
5 WIRE MFSH 9000834.....2	17 SCREW MS35206-244.....9	27 SCREW MS35206-264.....1
6 LEAD 9000921.....1	18 WASHER MS35338-42.....9	
7 SCREW MS35206-262.....1	19 WASHER MS27183-7.....9	
8 WASHER MS27183-9.....2	20 CLAMP NAS1397R5.....2	
9 WASHER MS35338-43.....2	21 CLAMP NAS1397P28.....1	
10 CLAMP NAS1397R7.....3	22 SCREW MS16997-81.....1	

\* COMPONENT OF ITEM 4  
\*\* COMPONENT OF MODULATOR-  
8172445

FIGURE 74. RECEIVER-TRANSMITTER, RADAR /MISSILE TRACKING/ /9160053/-PARTIAL EXPLODED VIEW

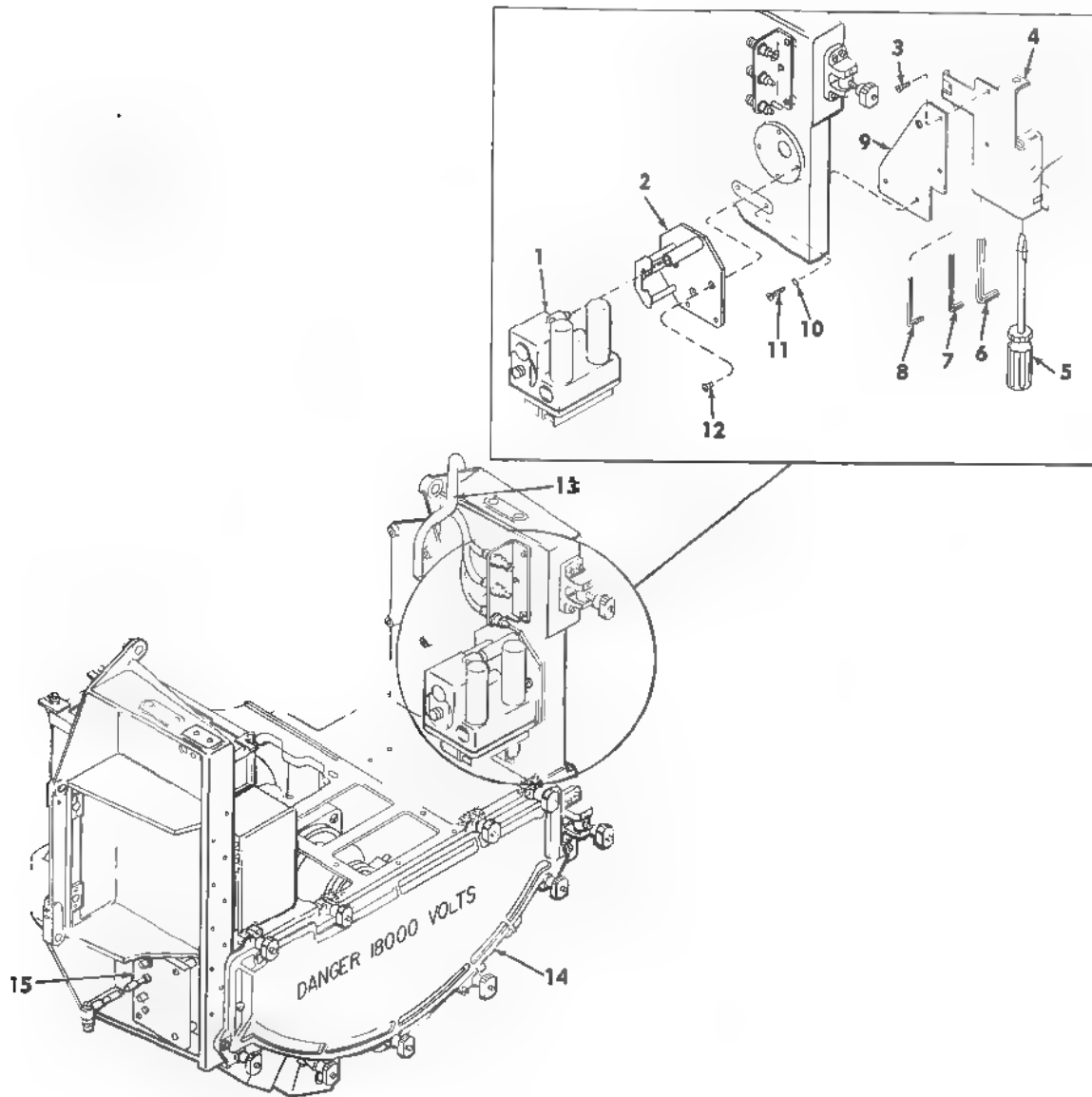


MS 304760B

1 SWITCH 8176871.....1	13 PIN MS16562-236.....2	25 CLAMP NAS1397P6N.....3
2 SWITCH 8606885.....1	14 PIN 8019160.....1	26 SCREW MS35265-60.....3
3 WASHER MS35338-43.....6	15 GASKET ASSFMBLY 8174385.....1	27 FAN 8172479.....1
4 SCREW MS35206-260.....1	16 SHIELDING GASKET 8174382.....1	SEE FIGURE 78 FOR DETAILS
5 HOSE 8517997.....1	17 GASKET 8174383.....2	
6 SCREW MS35206-263.....2	18 RING 8174384.....1	
7 WASHER MS27183-8.....2	19 LEAD 8520690.....2	
8 AIR DUCT 10668224.....1	20 CLIP 8170021.....1	
SEE FIGURE 77 FOR DETAILS	21 INSULATION 8520714.....1	
9 WASHER MS27183-7.....4	22 TERMINAL MS25036-108.....1	
10 SCREW MS35206-244.....4	23 WASHER 8520715.....1	
11 WASHER MS35338-42.....4	24 CONTACT 8520689.....1	
12 CLAMP NAS1397K11N.....1		

\* FURNISHED WITH ITEM 1  
 \*\* COMPONENT OF MODULATOR-8172445  
 \*\*\* COMPONENT OF RECEIVER-TRANSMITTER-9160053  
 \*\*\*\* FURNISHED WITH ITEM 20

FIGURE 75. RECEIVER-TRANSMITTER, RADAR /MISSILE TRACKING/ /9160053/-PARTIAL EXPLODED VIEW

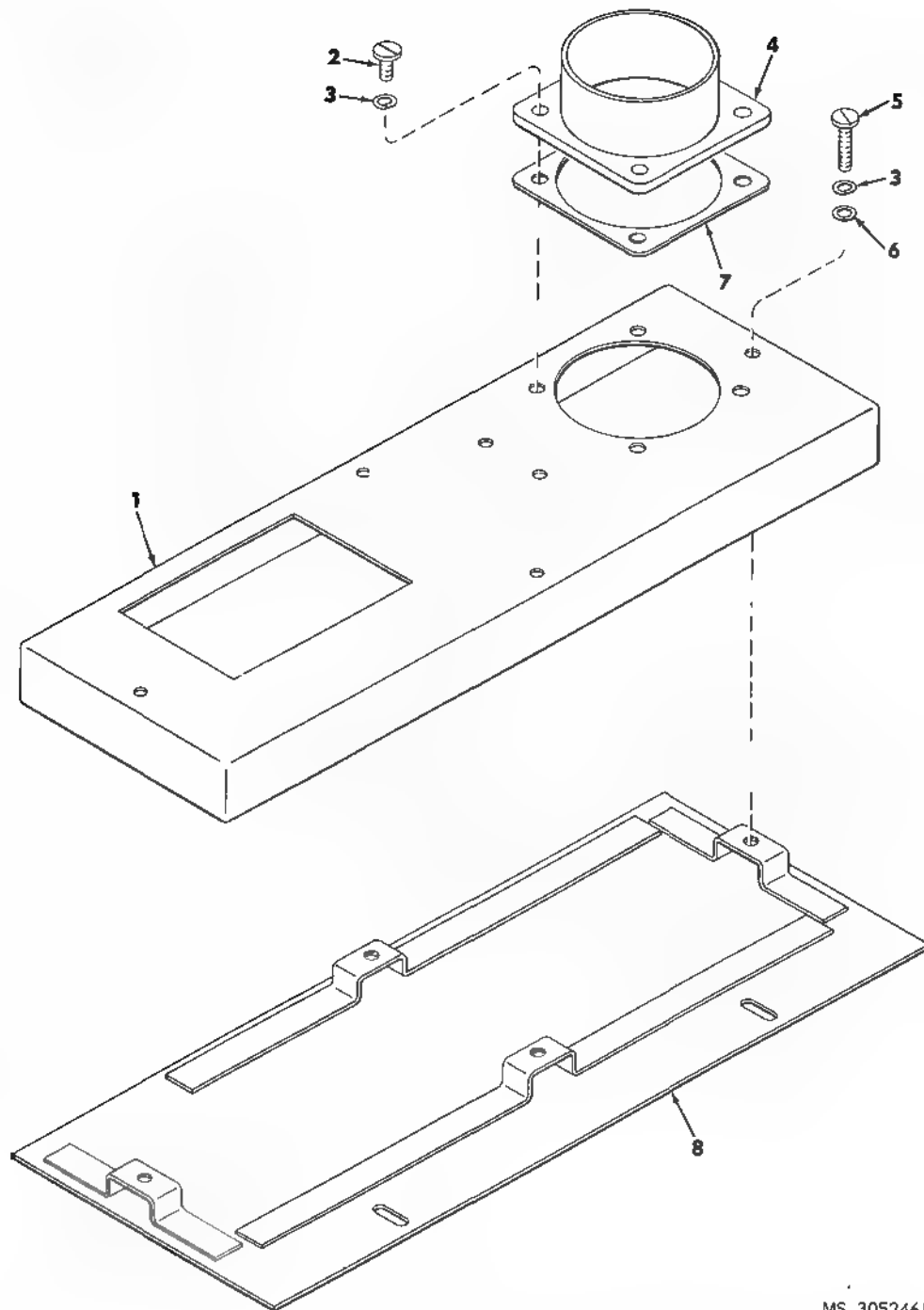


MS 304761A

1 DRIVE 10185496.....1 SEE FIGURE 157 FOR DETAILS	6 KEY G6GK275TY1CL1.....1	13 WIRING HARNESS 9160063.....1 SEE FIGURE 278, NUMBER 8 FOR DETAILS
2 MOUNT 9155168.....1 SEE FIGURE 79 FOR DETAILS	7 KEY G6GK00275TY1CLA5-64.....1	14 MODULATOR 8172445.....1 SEE FIGURE 81 FOR DETAILS
3 SCREW 9157792-61.....2	8 KEY G6GK00275.....1	15 VOLTAGE DIVIDER 9155138.....1 SEE FIGURE 80 FOR DETAILS
4 HOLDER 8512530.....1	9 BRACKET 9997840.....1	
5 SCREWDRIVER 9001263.....1	10 WASHER MS35338-42.....2	
	11 SCREW 9157788-56.....2	
	12 SCREW MS35190-287.....4	

FIGURE 76. RECEIVER-TRANSMITTER, RADAR /MISSILE TRACKING/ /9160053/-PARTIAL EXPLODED VIEW

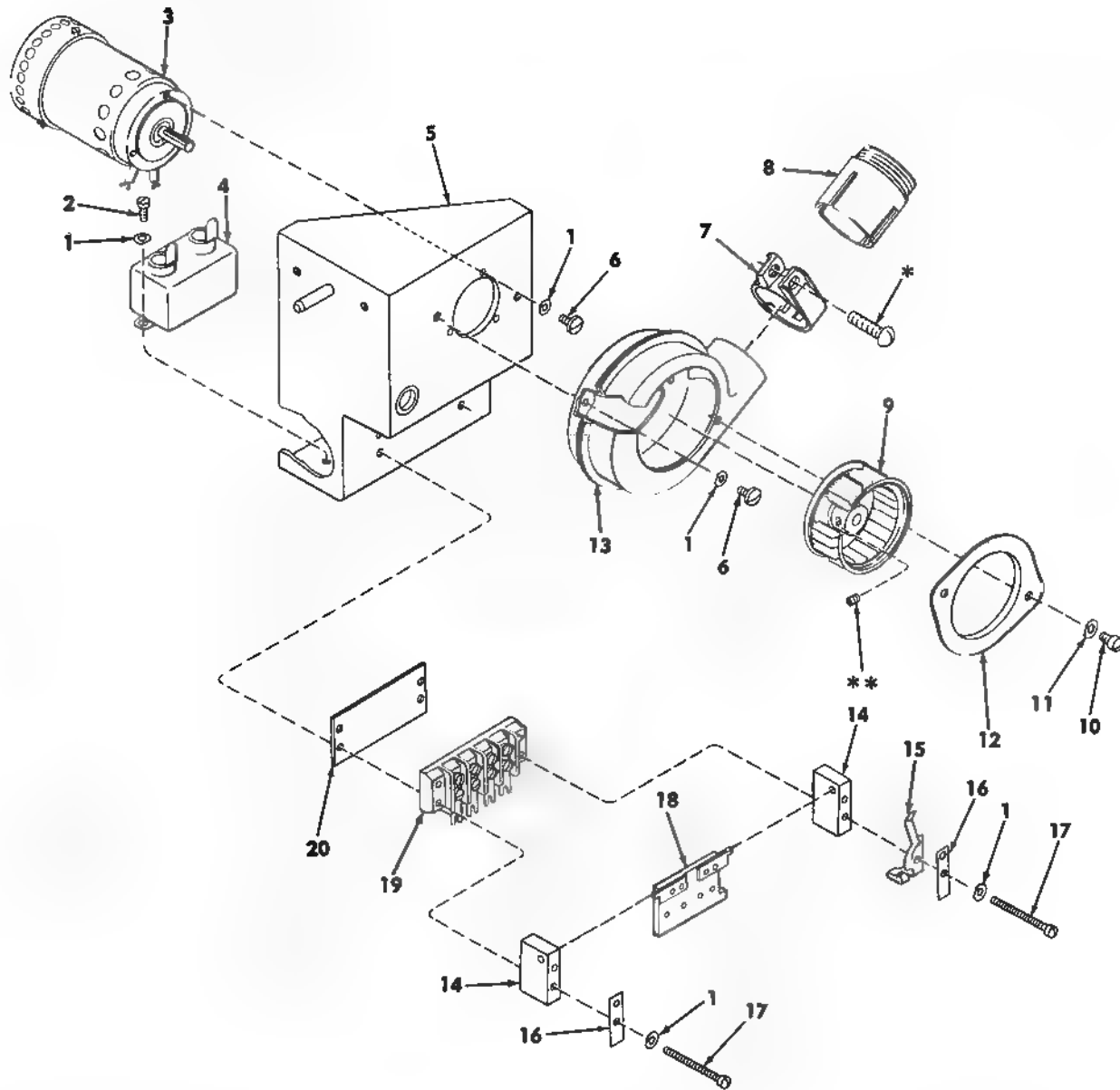




MS 305246B

- |   |                 |                  |   |
|---|-----------------|------------------|---|
| 1 | COVER           | 10668226.....    | 1 |
| 2 | SCREW           | 9157788-39.....  | 4 |
| 3 | WASHER          | MS35338-136..... | 8 |
| 4 | DUMMY CONNECTOR |                  |   |
|   | MS3105-36.....  |                  | 1 |
| 5 | SCREW           | 9157788-43.....  | 4 |
| 6 | WASHER          | MS15795-206..... | 4 |
| 7 | GASKET          | 9003262.....     | 1 |
| 8 | BASE            | 9136299.....     | 1 |

FIGURE 77. AIR DUCT /10668224/-EXPLODED VIEW  
/SEE FIGURE 75 FOR NEXT HIGHER ASSEMBLY/



MS 304762A

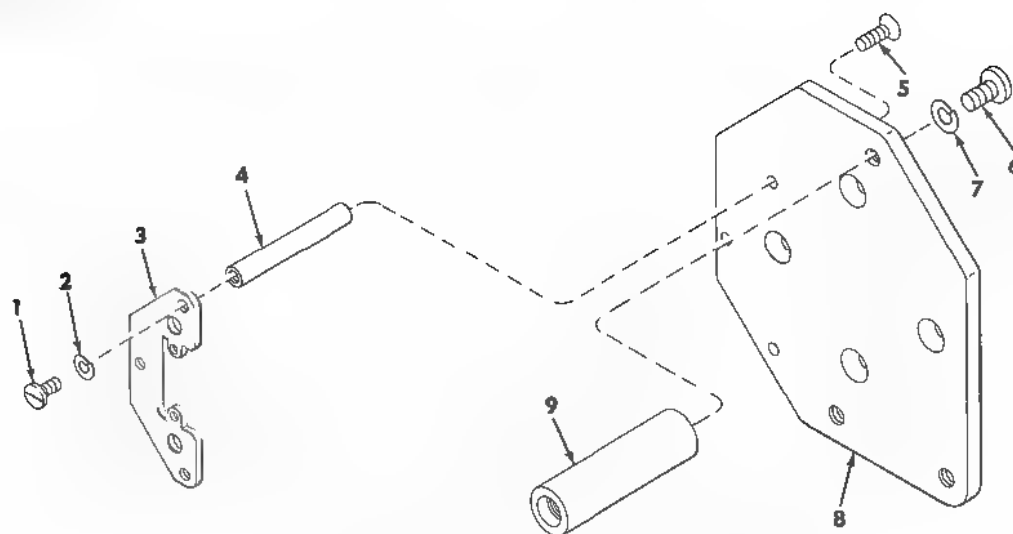
1 WASHER MS35338-41.....11  
2 SCREW MS35265-27.....2  
3 MOTOR 7599786.....1  
4 CAPACITOR CP5481EF504K1.....1  
5 CHASSIS 8172480.....1  
6 SCREW MS35206-227.....5  
7 CLAMP MS35842-11.....1  
8 ADAPTER 8150105.....1  
9 IMPELLER 9986866.....1

10 SCREW MS35265-41.....2  
11 WASHER MS35338-42.....2  
12 PLATE 8012110.....1  
13 HOUSING 8012109.....1  
14 INSULATOR 8017728.....2  
15 CONTACT 8017729.....1  
16 PLATE 7622474.....2  
17 SCREW MS35265-36.....4  
18 COVER 8023621.....1

■ TERMINAL BOARD  
MILT55164-2-38TB4.....1  
20 INSULATOR 8019740.....1

\* FURNISHED WITH ITEM 7  
\*\* FURNISHED WITH ITEM 9

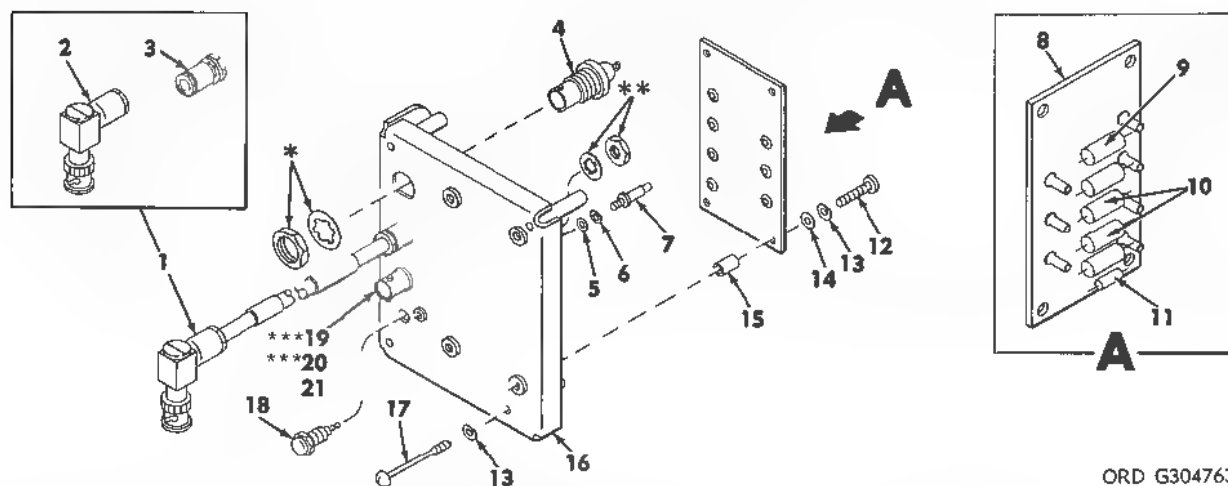
FIGURE 78. FAN /8172479/-EXPLODED VIEW  
/SEE FIGURE 75 FOR NEXT HIGHER ASSEMBLY/



ORD G256658

1	SCREW	MS35206-243	3
2	WASHER	MS35338-42	3
3	PLATE	9155177	1
4	SPACER	9155179	3
5	SCREW	MS35190-253	3
6	SCREW	MS35206-280	1
7	WASHER	MS35338-44	1
8	PLATE	9155176	1
9	SPACER	9155178	1

FIGURE 79. MOUNT, DRIVE TUNING /MAGNETRON/ /9155168/-EXPLODED VIEW  
/SEE FIGURE 76 FOR NEXT HIGHER ASSEMBLY/

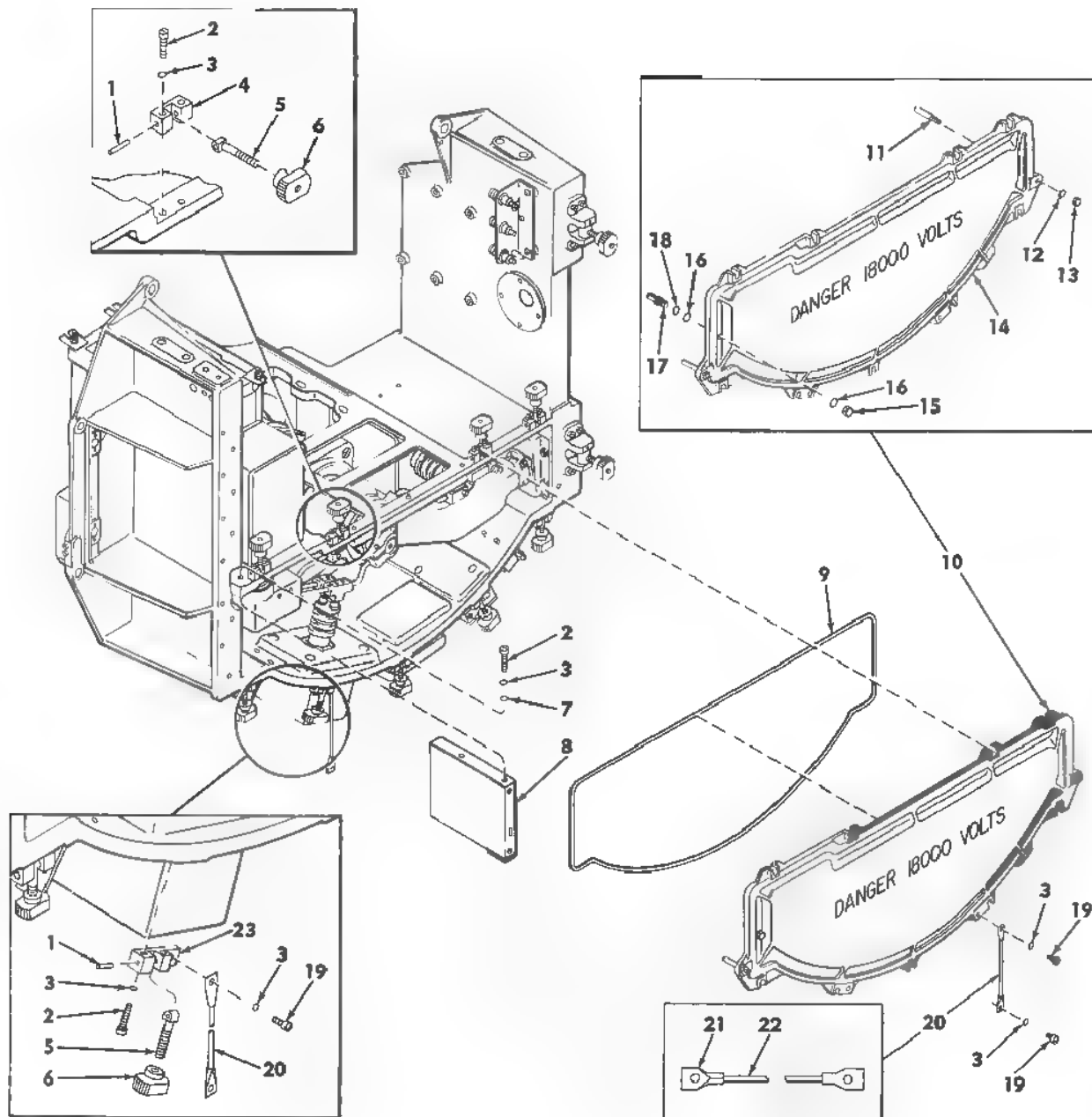


ORD G304763

1	CABLE ASSEMBLY	9155134	1
2	CONNECTOR	9007540	1
3	CLAMP	8108333	1
4	CONNECTOR	9010520	1
5	WASHER	MS27183-4	1
6	WASHER	MS35338-40	1
7	TERMINAL	7599264	1
8	TERMINAL BOARD	9155146	1
9	RESISTOR	RC32G102JS	3
10	RESISTOR	RC32GF621J	2
11	RESISTOR	RCR20G750JS	1
12	SCREW	MS25206-232	4
13	WASHER	MS35338-41	8
14	WASHER	MS27183-6	4
15	SPACER	8177127	4
16	PANEL	9155136	1
17	SCREW	7600534	4
18	JACK	M39024-10-02	1
19	WASHER	78189-1120-12	1
20	NUT	MS35125-2	1
21	CONNECTOR	M39012-21-0001	1

\* FURNISHED WITH ITEM 4  
\*\* FURNISHED WITH ITEM 18  
\*\*\* FURNISHED WITH ITEM 21

FIGURE 80. VOLTAGE DIVIDER /9155138/-EXPLODED VIEW  
/SEE FIGURE 76 FOR NEXT HIGHER ASSEMBLY/

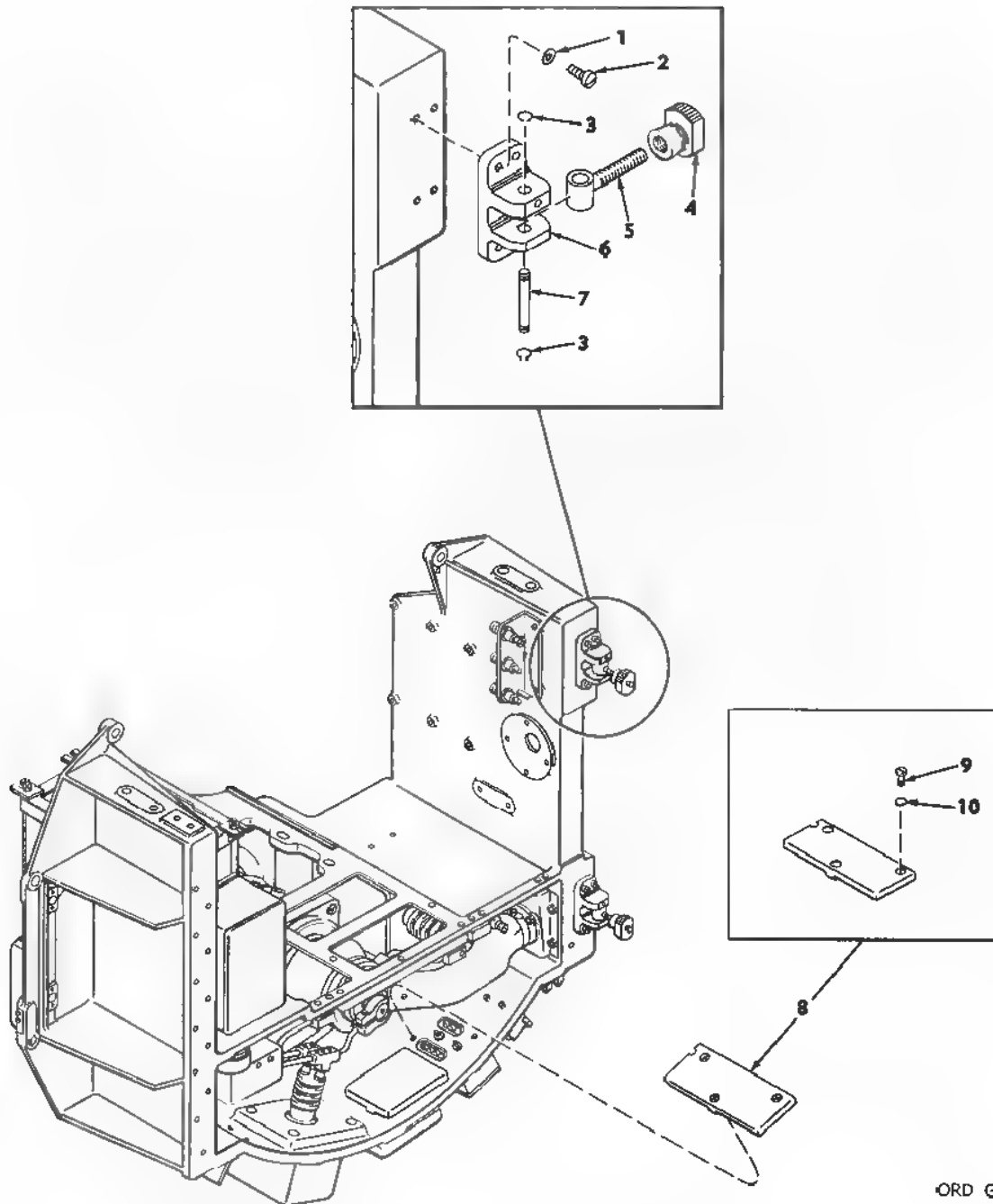


ORD G304765

1 PIN 544122.....9	9 WIRE MESH 9000834.....7	16 WASHER MS27183-8.....2
2 SCREW MS35265-60.....18	10 COVER 8174099.....1	17 BAYONET 9136191.....1
3 WASHER MS35338-43.....24	11 STUD 8511092.....2	18 WASHER MS35338-43.....1
4 BRACKET 8511159.....7	12 WASHER MS35338-42.....2	19 SCREW MS35206-261.....4
5 BOLT 8511158.....9	13 NUT MS35649-202.....2	20 CABLE 8517067.....2
6 KNOB 8512932.....9	14 COVER 8174041.....1	21 TERMINAL 8517065.....2
7 WASHER MS27183-8.....2	15 NUT MS35649-202.....1	22 WIRE STRAND 8517066.....1
8 SWITCH 9136180.....1		23 BRACKET 8517069.....2

SEE FIGURE 88 FOR DETAILS

FIGURE 81. MODULATOR /8172445/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 76 FOR NEXT HIGHER ASSEMBLY/



ORD G284494

- |    |                |                   |   |
|----|----------------|-------------------|---|
| 1  | WASHER         | MS35338-42.....   | 8 |
| 2  | SCREW          | MS35265-65.....   | 8 |
| 3  | RING           | MS16624-1037..... | 4 |
| 4  | KNOB ASSEMBLY  | MS13723.....      | 2 |
| 5  | BOLT           | 8511029.....      | 2 |
| 6  | BRACKET        | 8511030.....      | 2 |
| 7  | PIN            | 8019183.....      | 2 |
| 8  | COVER ASSEMBLY | 9136402.....      | 1 |
| 9  | SCREW          | 9136405.....      | 3 |
| 10 | WASHER         | MS35338-42.....   | 3 |

FIGURE 82. MODULATOR /8172445/-PARTIAL EXPLODED VIEW

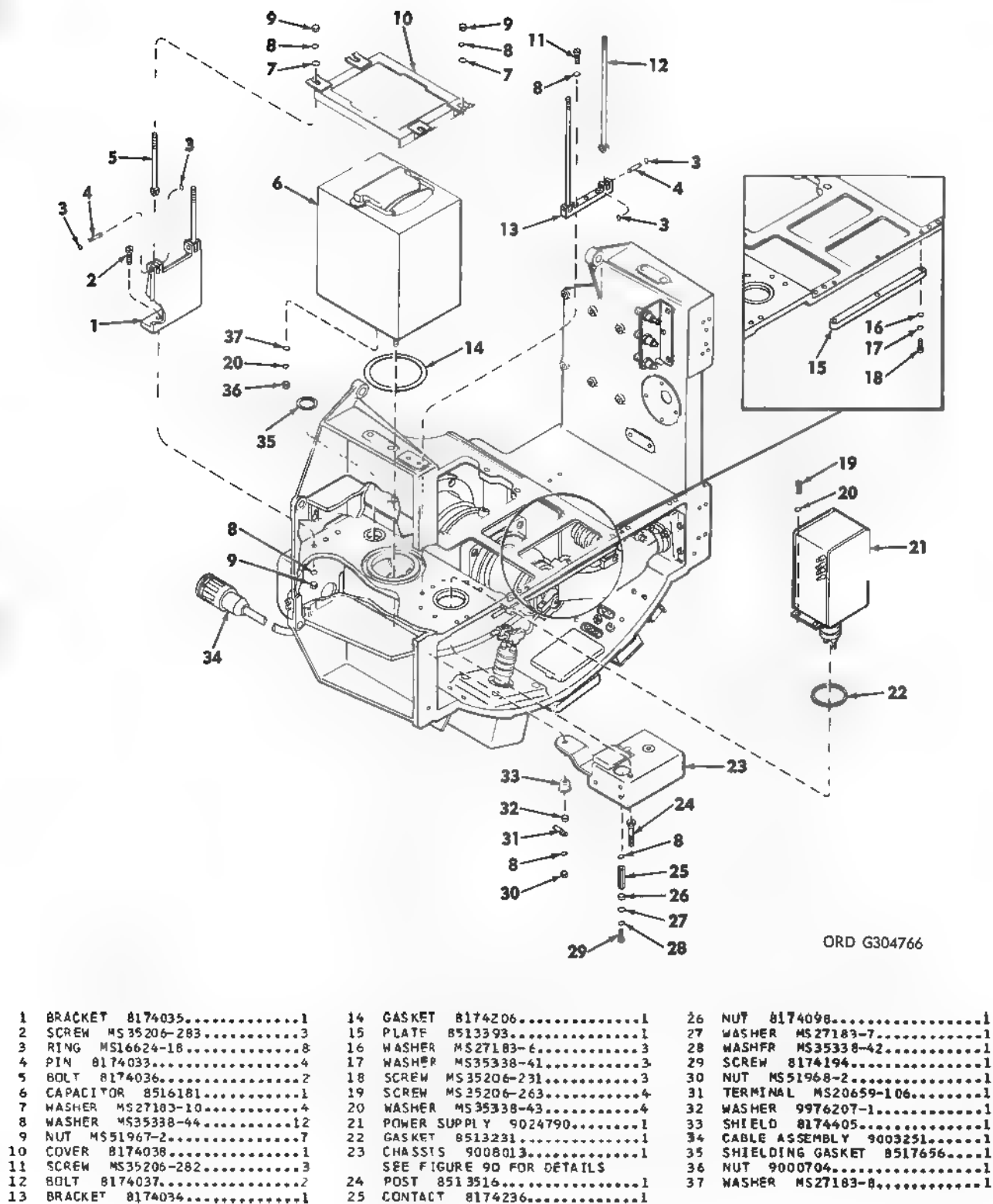
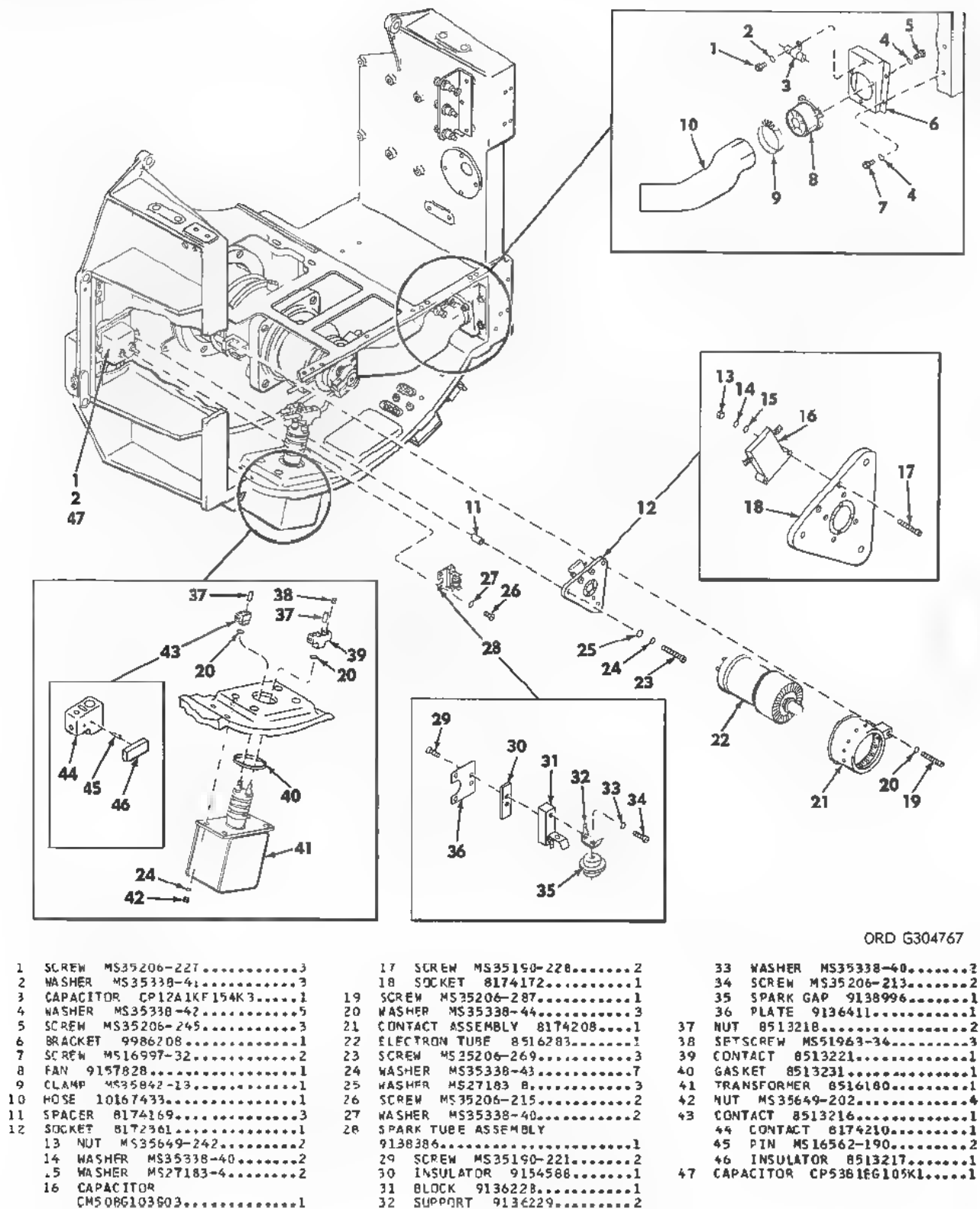
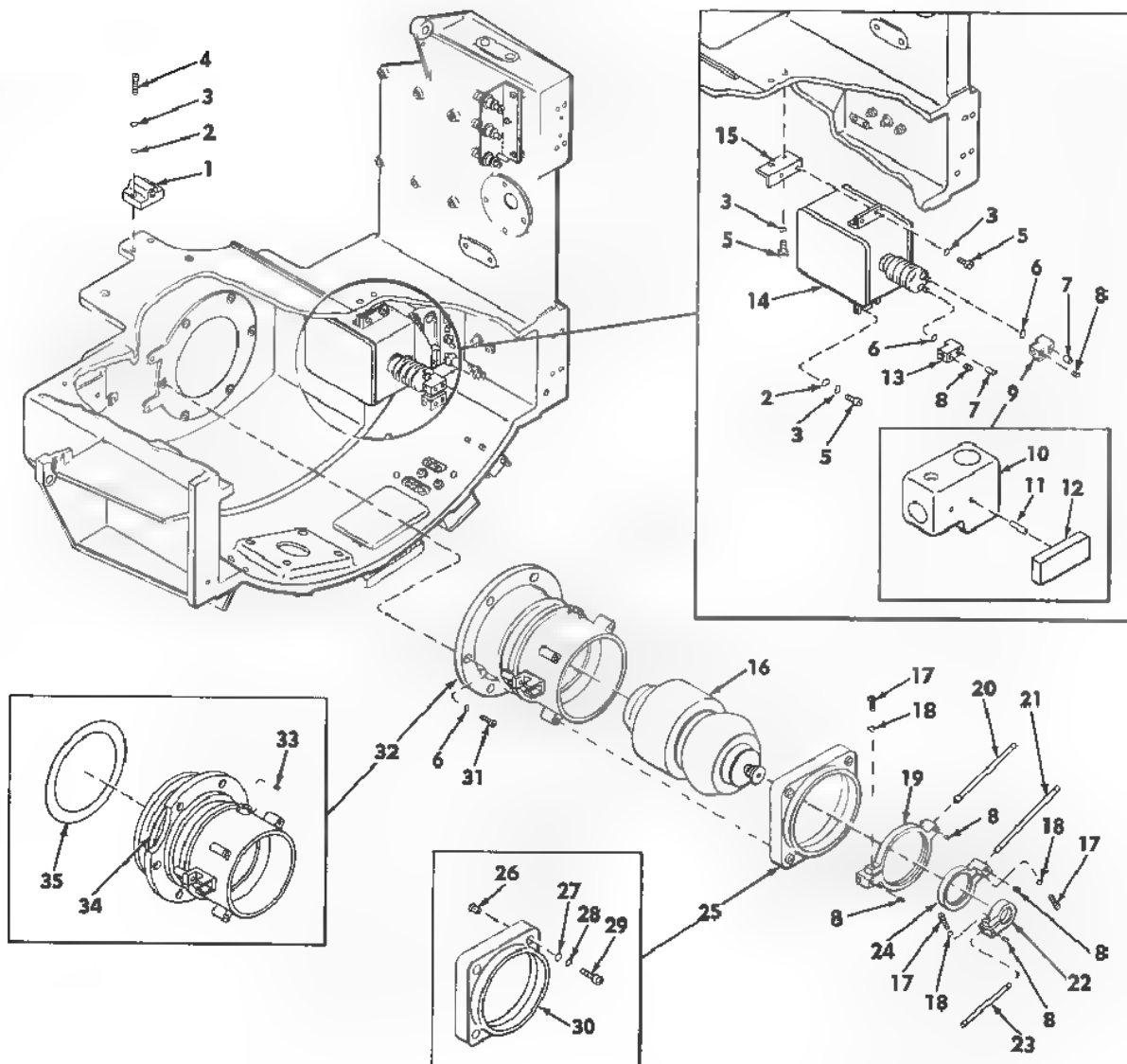


FIGURE 83. MODULATOR /8172445/-PARTIAL EXPLODED VIEW



ORD G304767

FIGURE 84. MODULATOR /8172445/-PARTIAL EXPLODED VIEW

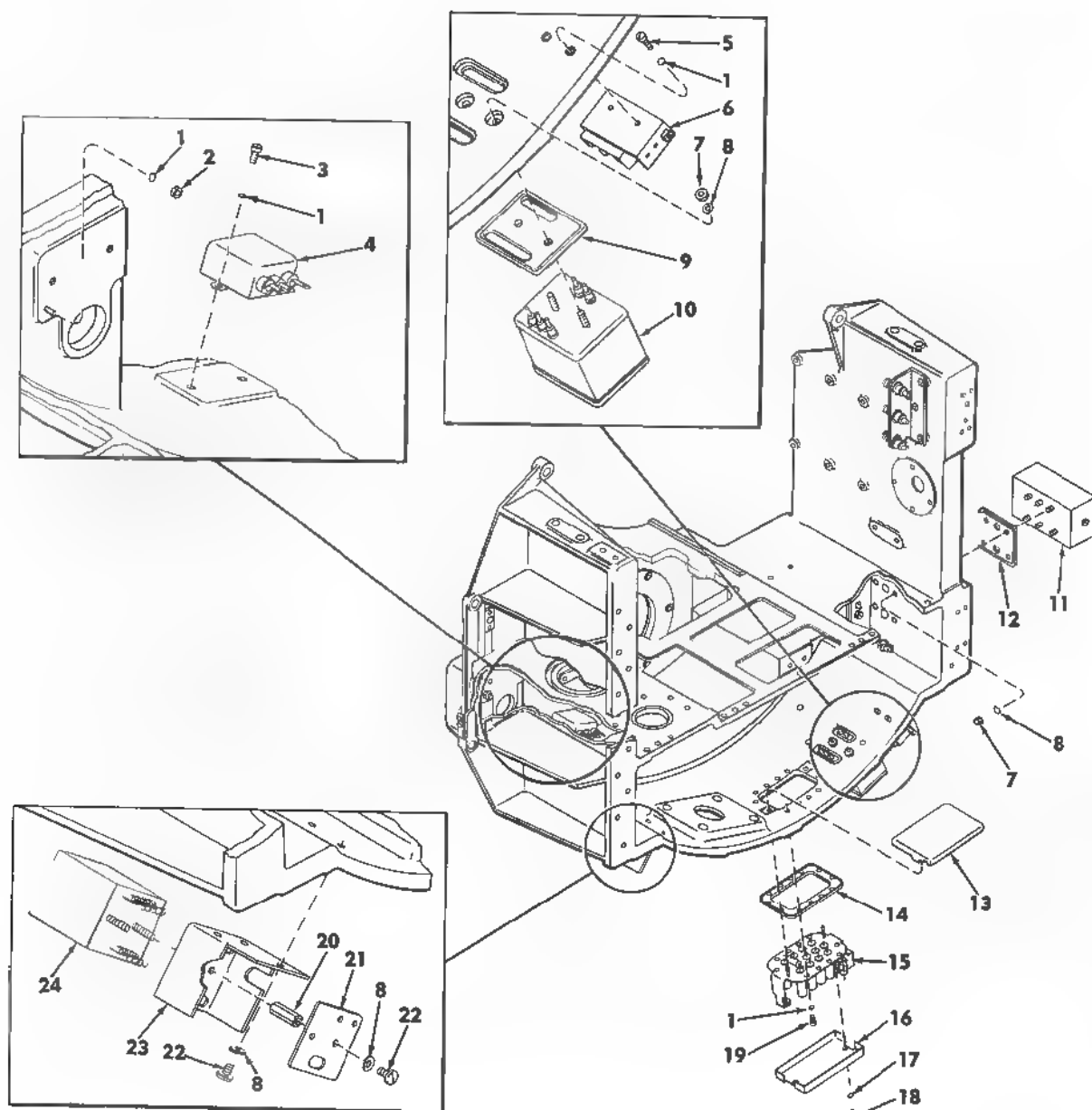


ORD G304768

1	BLOCK 8174391.....1	11	CONTACT 8513215.....1	25	RETAINER 8172364.....1
2	WASHER MS27183-8.....4	14	TRANSFORMER 9007475.....1	26	RETAINER 8024469.....4
3	WASHER MS35338-43.....8	15	BACKET 9136346.....1	27	WASHER MS27183-8.....4
4	SCREW 582893.....2	16	ELECTRON TUBE 6544.....1	28	WASHER MS35338-43.....4
5	SCREW MS35206-262.....6	17	SCREW MS16997-32.....3	29	SCREW MS35265-67.....4
6	WASHER MS35338-44.....8	18	WASHER MS35338-42.....3	30	CLAMP 8172442.....1
7	NUT 8513218.....2	19	CONTACT 8513488.....1	31	SCREW MS35206-281.....6
8	SETSCREW MS51963-34.....2	20	LEAD 9005407.....1	32	SOCKET 8172360.....1
9	CONTACT 8513485.....1	21	LEAD 9005404.....1	33	SETSCREW MS51963-34.....2
10	CONTACT 8513484.....1	22	CONTACT 8513486.....1	34	GASKET 8172362.....1
11	PIN MS16562-190.....2	23	LEAD 9005406.....1	35	GASKET 8172363.....1
12	INSULATOR 8513217.....1	24	CONTACT 8513487.....1		

FIGURE 85. MODULATOR /8172445/-PARTIAL EXPLODED VIEW





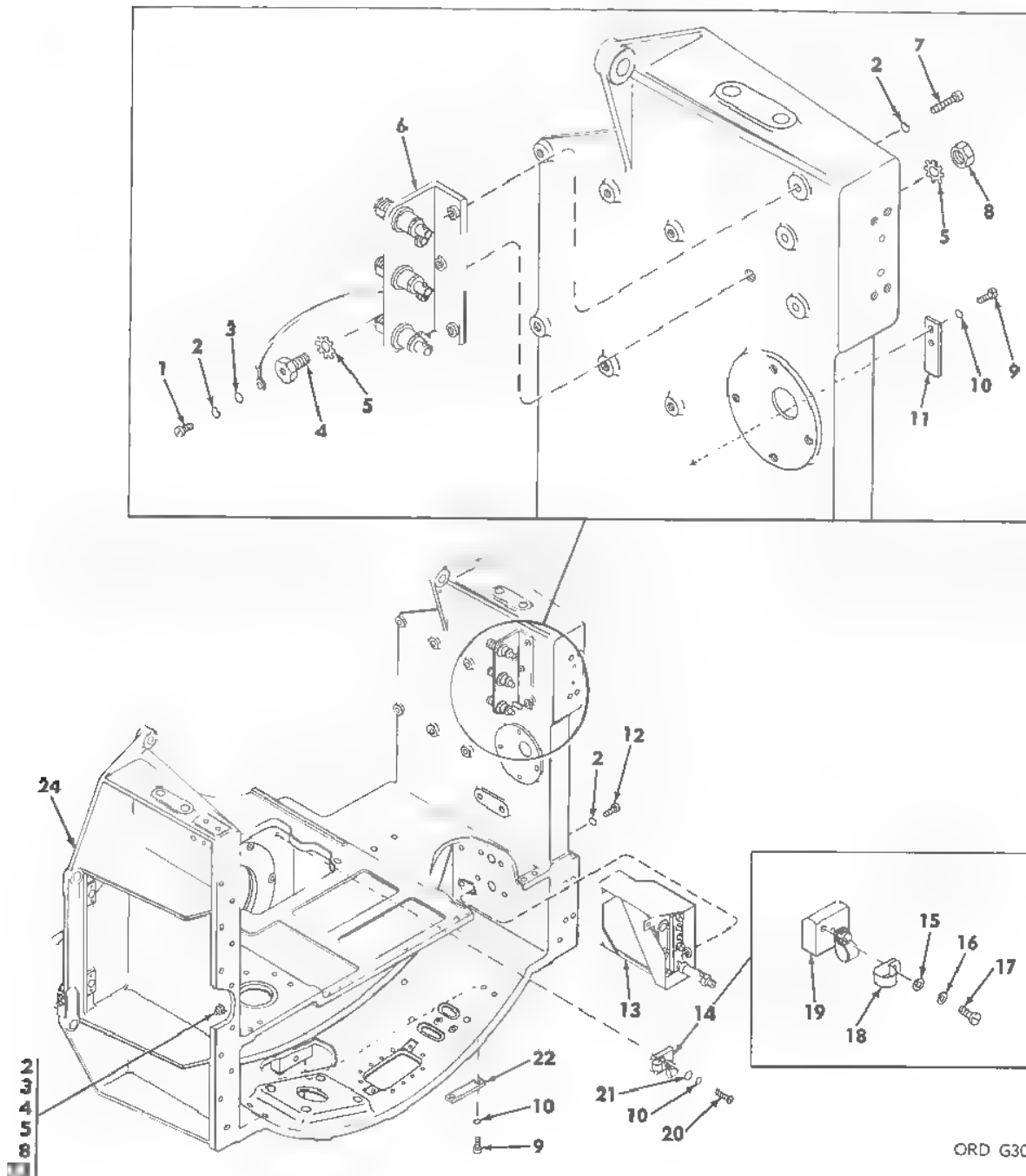
ORD G304769

1 WASHER MS35338-41.....15  
2 NUT MS35649 262.....1  
3 SCREW MS35206-228.....2  
4 CAPACITOR CP5382EG504K1.....1  
5 SCREW MS35206-233.....2  
6 SWITCH 8009180.....1  
7 NUT MS35649-202.....6  
8 WASHER MS35338-43.....11  
9 GASKET 8513232.....1

10 TRANSFORMER 8516176.....1  
11 COIL 9007416.....1  
12 GASKET 8520141.....1  
13 COVER CAPACITOR ASSEMBLY  
8513192.....1  
14 GASKET 9513195.....1  
15 CAPACITOR ASSEMBLY  
9986205.....1  
SEE FIGURE 91 FOR DETAILS

16 COVER 9002791.....1  
17 WASHER MS35338-42.....2  
18 SCREW MS35206-242.....2  
19 SCREW MS16997-20.....10  
20 POST 9140233.....2  
21 COVER ACCESS 9140232.....1  
22 SCREW MS35206-261.....5  
23 BRACKET 9140234.....1  
24 TRANSFORMER 8519085.....1

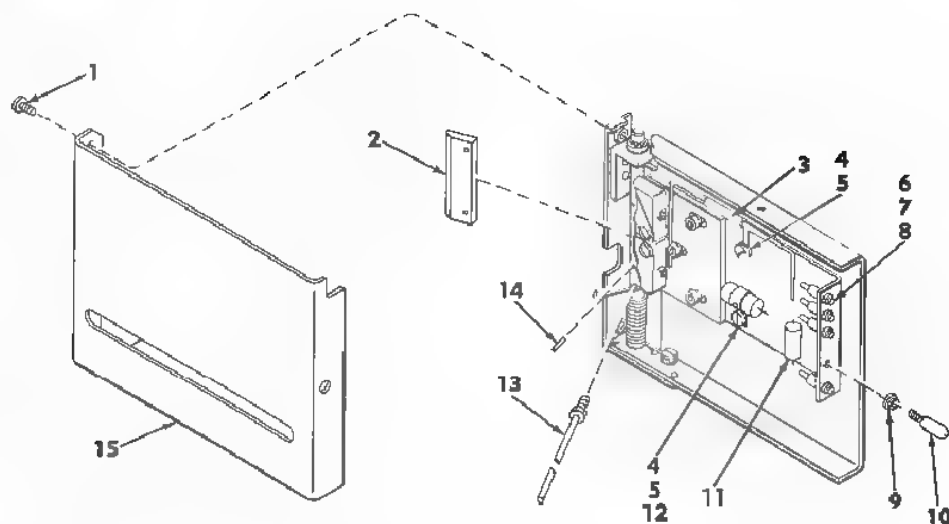
FIGURE 86. MODULATOR /8172445/-PARTIAL EXPLODED VIEW



ORD G304770

1	SCREW MS35206-261.....1	9	SCREW MS35206-244.....6	17	SCREW MS35206-245.....2
2	WASHER MS35338-43.....7	10	WASHER MS35338-42.....7	18	CLAMP NAS1397K8N.....2
3	WASHER MS27183-8.....2	11	BLOCK 8518635.....2	19	BLOCK 9136243.....1
4	BOLT 8511366.....2	12	SCREW MS35206-265.....2	20	SCREW MS35206-249.....1
5	WASHER MS35335-35.....4	13	CAPACITOR ASSEMBLY 9138173.....1	21	WASHER MS27183-7.....1
6	CONNECTOR ASSEMBLY 8513395.....1	14	SEE FIGURE 92 FOR DETAILS	22	BLOCK 8518636.....1
7	SCREW MS35265-60.....3	15	WASHER MS27183-7.....2	23	SCREW 582893.....1
8	NUT MS51967-8.....2	16	WASHER MS35338-42.....2	24	HOUSING 9986205.....1

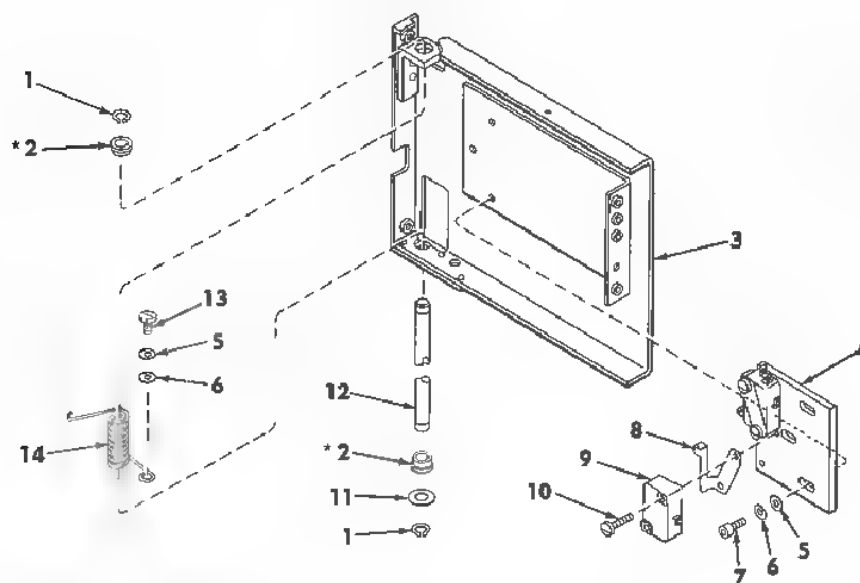
FIGURE 87. MODULATOR / 8172445/-PARTIAL EXPLODED VIEW



ORD G284499

1 SCREW MS35206-227.....2	5 WASHER MS35338-41.....2	11 RESISTOR RC42GF513J.....1
2 HANDLE 9136187.....1	6 TERMINAL 7598949.....4	12 CAPACITOR CP12A3KG103K3.....1
3 WIRING HARNESS 9155150.....1	7 WASHER MS35338-40.....4	13 ARM 9137750.....1
SEE FIGURE 278, NUMBER 6 FOR DETAILS	8 WASHER MS27183-6.....4	14 PIN MS16562-190.....2
4 SCREW MS35206-225.....2	9 SPACER 7598014.....1	15 COVER ASSEMBLY 9137743.....1
	10 SCREW 7598011.....1	

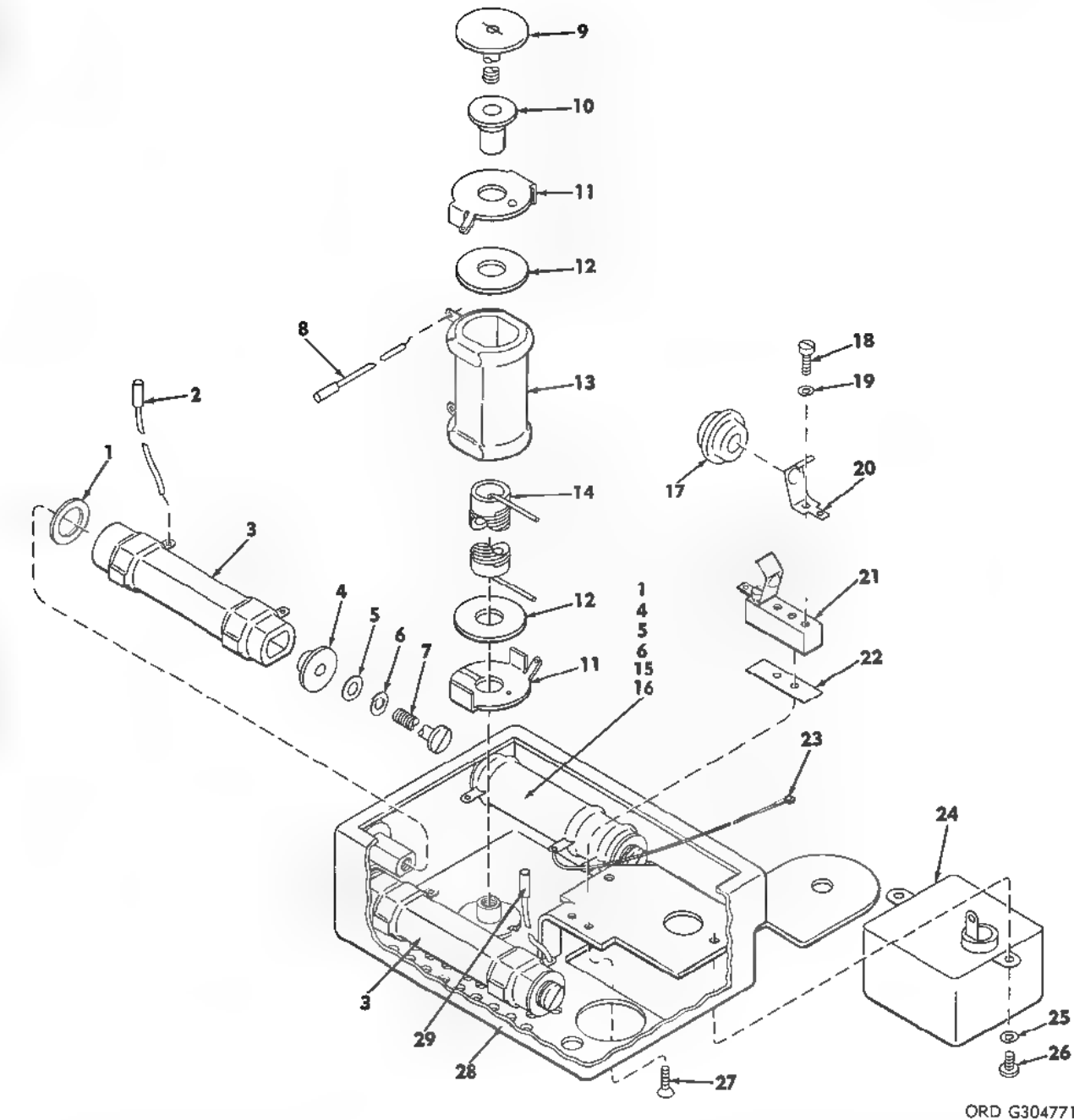
FIGURE 88. SWITCH, INTERLOCK /9136180/-PARTIAL EXPLODED VIEW  
/SEE FIGURE B1 FOR NEXT HIGHER ASSEMBLY/



ORD G284500

1 RING MS16624-4025.....2	7 SCREW MS16997-15.....3	13 SCREW MS35206-227.....1
2 BUSHING 9137746.....2	8 BAR 7602206.....2	14 SPRING 9980481.....1
3 CHASSIS ASSEMBLY 9136181.....1	9 SWITCH MS25253-1.....2	
4 PLATE 9137744.....1	10 SCREW MS35206-217.....4	* COMPONENT OF ITEM 3
5 WASHER MS27183-6.....4	11 WASHER 446188.....1	
6 WASHER MS35338-41.....4	12 CAMSHAFT 9136188.....1	

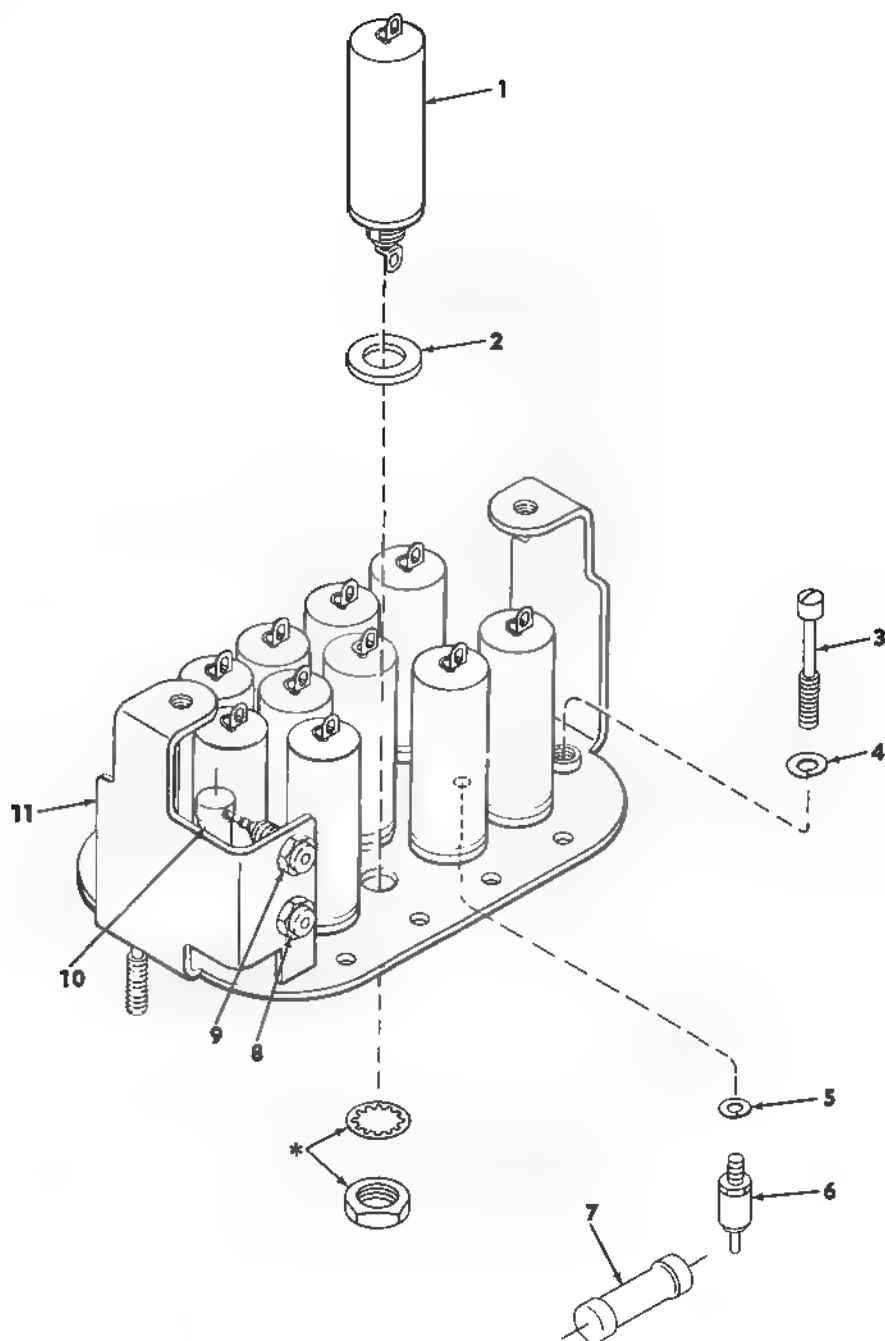
FIGURE 89. SWITCH, INTERLOCK /9136180/-PARTIAL EXPLODED VIEW



ORD G304771

1 WASHER 9008006.....3	11 SHIELD 9008009.....2	21 BLOCK 9136228.....1
2 LEAD 8513506.....1	12 WASHER 8518847.....2	22 INSULATOR 9154588.....1
3 RESISTOR 8174176.....2	13 RESISTOR 8518853.....1	23 TERMINAL MS20659-101.....1
4 SPACER 9008007.....3	14 COIL 8518852.....1	24 CAPACITOR CP55B2EG105K1.....1
5 WASHER MS15795-908.....3	15 SCREW MS35229-74.....1	25 WASHER MS35338-41.....2
6 WASHER MS35338-43.....3	16 RESISTOR 8174175.....1	26 SCREW MS35206-226.....2
7 SCREW 9008034.....2	17 SPARK GAP 9138996.....1	27 SCREW MS35190-223.....2
8 LEAD 9140649.....1	18 SCREW MS25206-213.....2	28 CHASSIS 9008012.....1
9 SCREW 9008002.....1	19 WASHER MS35338-40.....2	29 LEAD 8513503.....1
10 BUSHING 8518846.....1	20 SUPPORT 9136229.....2	

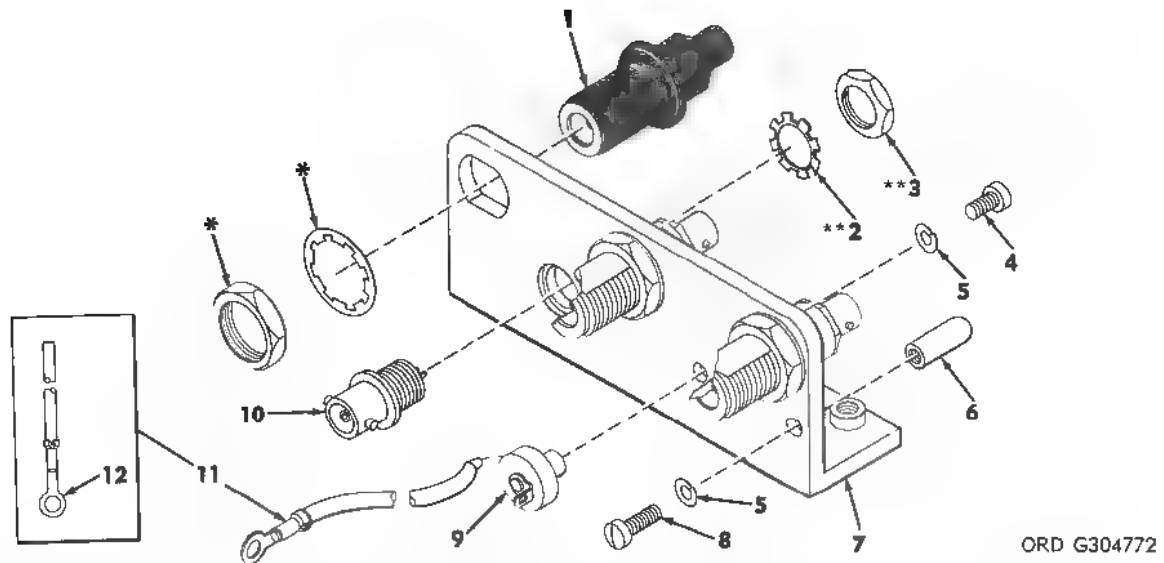
FIGURE 90. CHASSIS /9008013/-EXPLODED VIEW  
/SEE FIGURE 93 FOR NEXT HIGHER ASSEMBLY/



ORD G328610

1	CAPACITOR	CZ24BKF224.....11	6	TERMINAL	7598949.....2	11	BRACKET	9986206.....1
2	GASKET	8513194.....11	7	RESISTOR	9144268.....1			
3	SCREW	8513357.....1	8	JACK	M39024-10-03.....1			
4	WASHER	M53338-42.....2	9	JACK	M39024-10-02.....1			* FURNISHED WITH ITEM 1
5	WASHER	M53338-135.....2	10	RESISTOR	9144269.....1			

FIGURE 91. CAPACITOR ASSEMBLY /9986205/-EXPLODED VIEW  
/SEE FIGURE 86 FOR NEXT HIGHER ASSEMBLY/

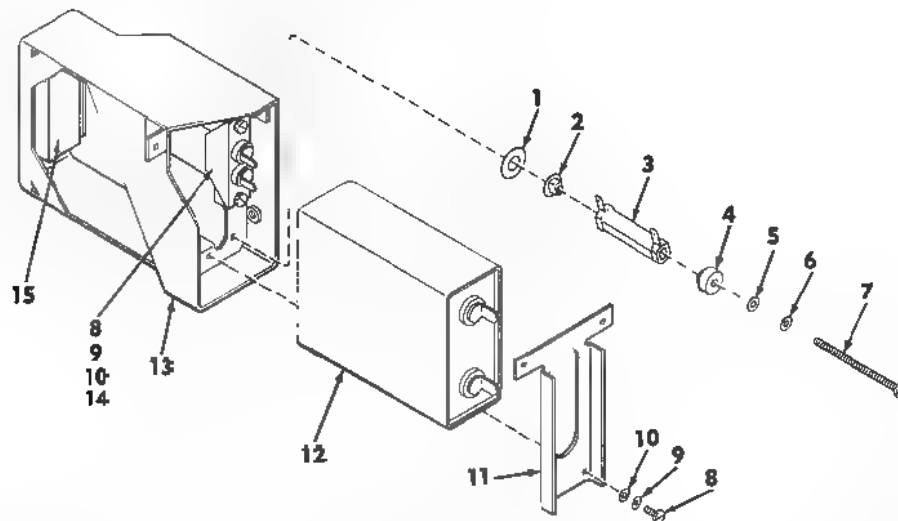


ORD G304772

- |                              |                                   |
|------------------------------|-----------------------------------|
| 1 ADAPTER 8176154.....3      | 7 BRACKET 8512674.....1           |
| 2 WASHER 78189-1120-12.....1 | 8 SCREW MS35265-30.....1          |
| 3 NUT MS35125-2.....1        | 9 CAPACITOR 7602856.....1         |
| 4 SCREW MS35265-27.....1     | 10 CONNECTOR M39012-21-0001.....1 |
| 5 WASHER MS35338-41.....2    | 11 LEAD 8513514.....1             |
| 6 INSULATOR 8150012.....1    | 12 TERMINAL MS20659-102.....1     |

\* FURNISHED WITH ITEM 1  
\*\* FURNISHED WITH ITEM 10

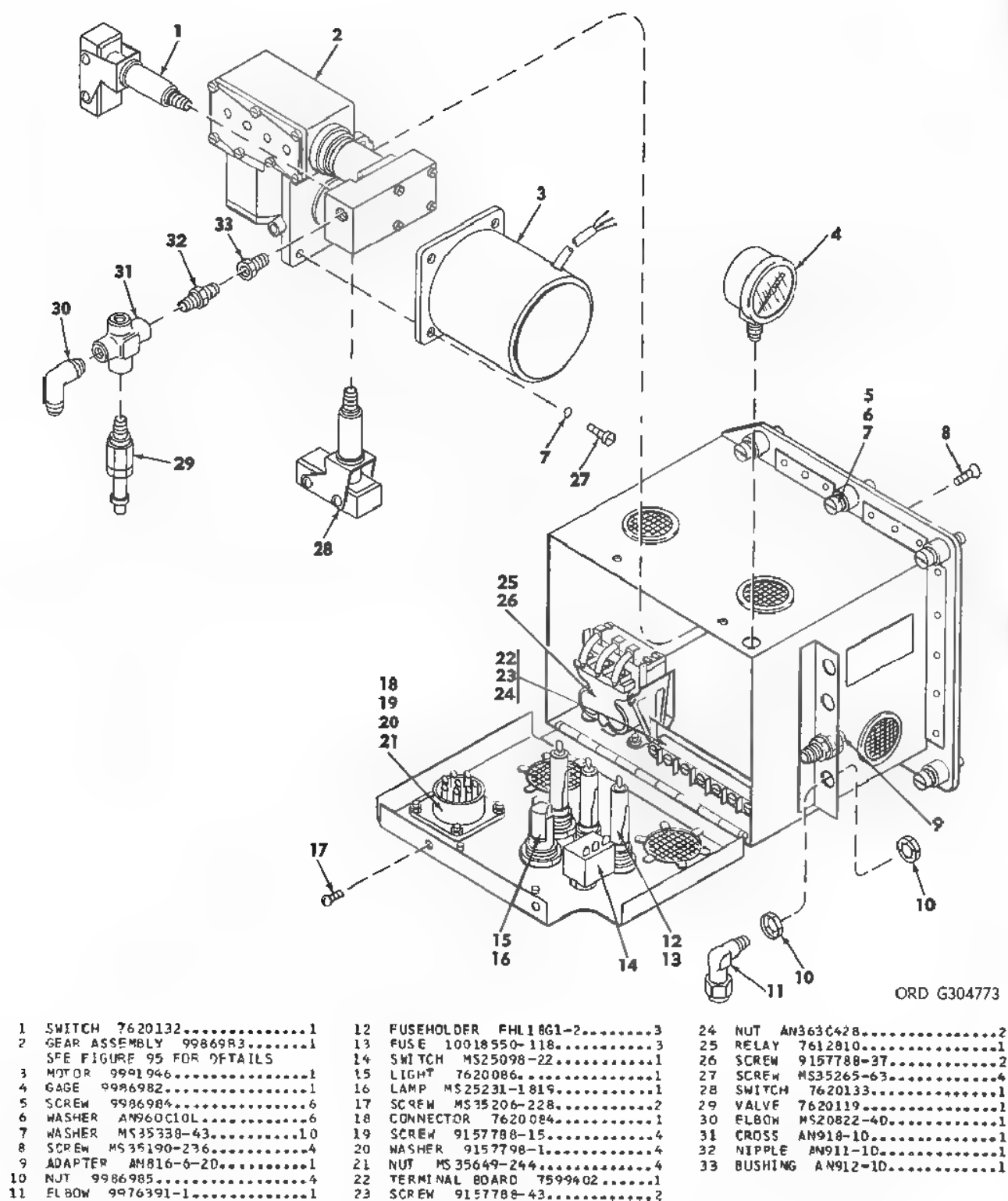
FIGURE 92. CONNECTOR ASSEMBLY /8513395/-EXPLODED VIEW  
/SEE FIGURE 87 FOR NEXT HIGHER ASSEMBLY/



ORD G284502

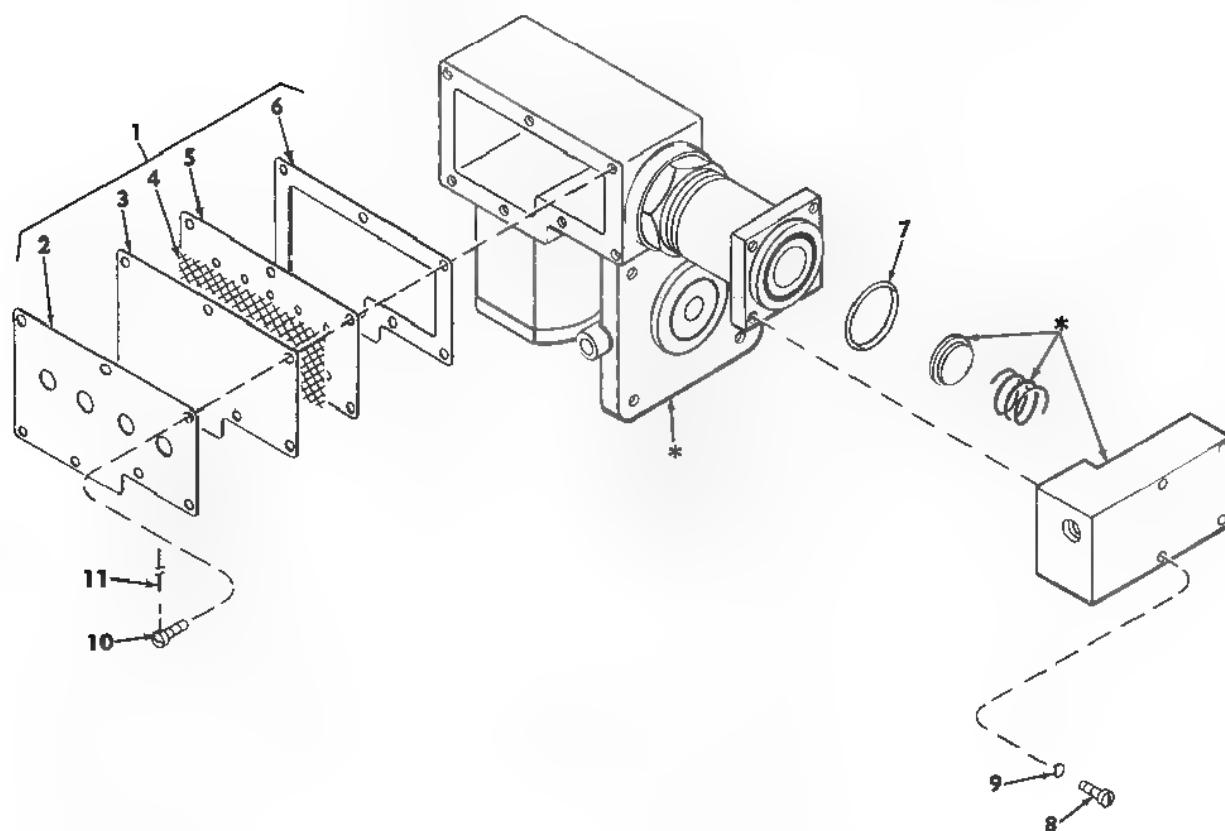
- |                           |                           |                                  |
|---------------------------|---------------------------|----------------------------------|
| 1 INSULATOR 7610647.....1 | 6 WASHER MS35338-42.....1 | 11 COVER 9007952.....1           |
| 2 WASHER 7610941.....1    | 7 SCREW MS35206-256.....1 | 12 CAPACITOR CPT081FG106K1.....1 |
| 3 RESISTOR 9000685.....1  | 8 SCREW MS35206-228.....6 | 13 CHASSIS 9007957.....1         |
| 4 INSULATOR 8520110.....1 | 9 WASHER MS35338-41.....6 | 14 CAPACITOR CP9181EF105K1.....1 |
| 5 WASHER MS27183-7.....1  | 10 WASHER MS27183-8.....6 | 15 STRIP 9138182.....1           |

FIGURE 93. CAPACITOR ASSEMBLY /9138173/-EXPLODED VIEW  
/SEE FIGURE 87 FOR NEXT HIGHER ASSEMBLY/



ORD G304773

FIGURE 94. COMPRESSOR, RECIPROCATING /9138649/ EXPLODED VIEW  
 /SEE FIGURE 73 FOR NEXT HIGHER ASSEMBLY/



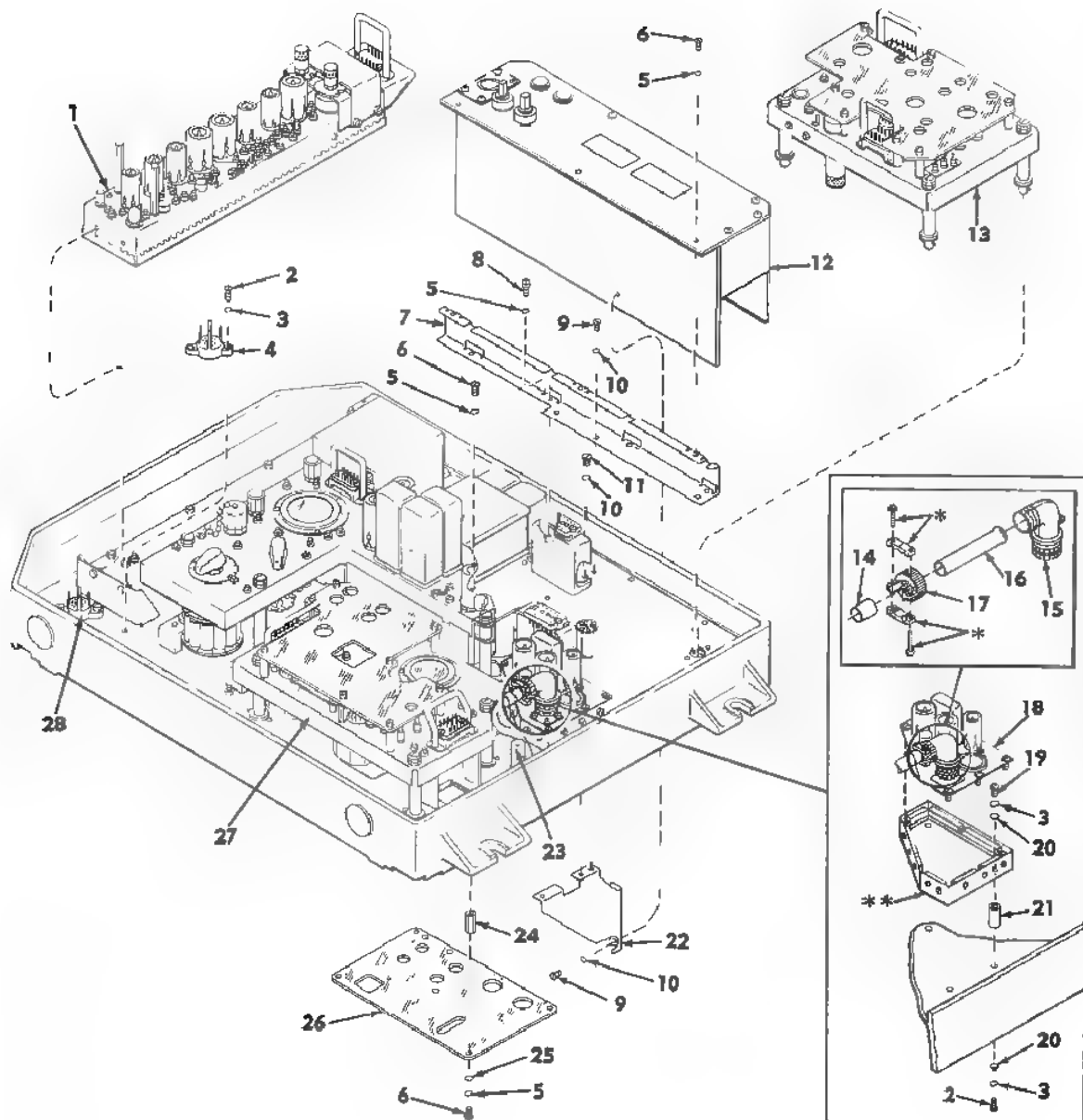
ORD G304774

1	PARTS KIT 9157516.....1	8	SCREW MS35265-35.....4
2	COVER 10167417.....1	9	WASHER MS35338-41.....4
3	FEEL STRIP 10167414.....1	10	SCREW MS35265-28.....7
4	WIRE FABRIC 10167415.....1	11	SAFETY WIRE
5	COVER 10167416.....1		QQW423COMPOSITIONFS3.....*
6	GASKET 10167418.....1		
7	PACKING PREFORMED 9157517.....1		

\* COMPONENT OF GEAR ASSEMBLY-9986983

FIGURE 95. GEAR ASSEMBLY, COMPRESSOR /9986983/-EXPLODED VIEW  
/SEE FIGURE 94 FOR NEXT HIGHER ASSEMBLY/



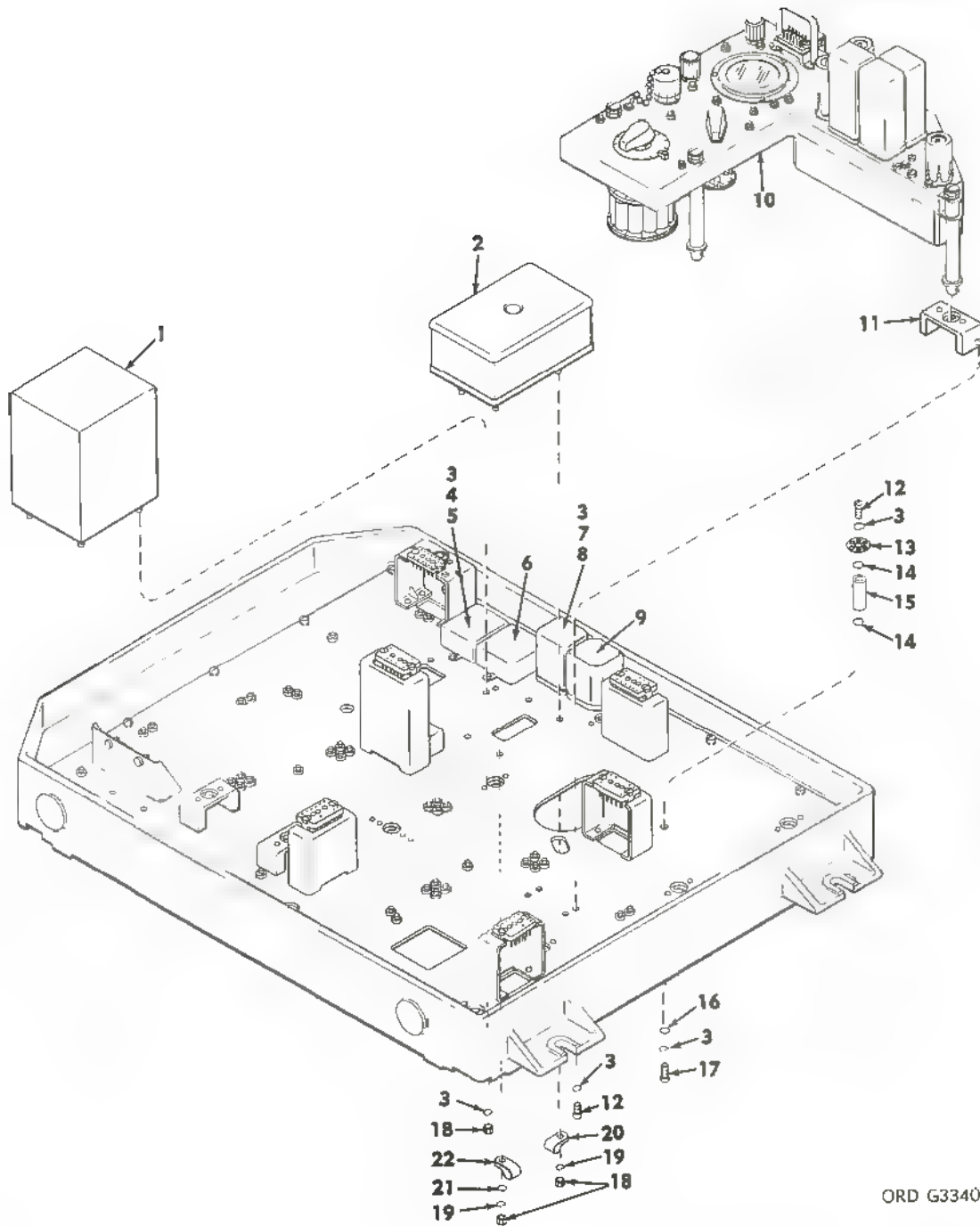


MS 307109B

1 CONTROL 8607339.....1 SEE FIGURE 100 FOR DETAILS	12 DEHUMIDIFIER 9998986.....1	22 BRACKET 9154350.....1
2 SCREW 9157788-41.....7	13 CONTROL 9159969.....1 SEE FIGURE 109 FOR DETAILS	23 RELAY 9011925.....1
3 WASHER MS35338-136.....10	14 INSULATION 9742652-2.....1	24 STUD 8172233.....5
4 PIN STRAIGHTENER 7626946.....	15 CONNECTOR 9158165-1.....1	25 WASHER MS15795-807.....5
5 WASHER MS35338-137.....17	16 BUSHING MS3420-6.....1	26 PLATE 8172232.....1
6 SCREW 9157788-56.....13	17 CLAMP MS3057-6A.....1	27 CONTROL 10660227.....1 SEE FIGURE 113 FOR DETAILS
7 BRACKET 9154348.....	18 CONVERTER 9143120.....1 SEE FIGURE 116 FOR DETAILS	28 PIN STRAIGHTENER 7626935.....1
8 SCREW 9157766-153.....4	19 SCREW 9157788-35.....3	
9 SCREW MS51957-64.....2	20 WASHER MS15795-806.....6	
10 WASHER MS35338-138.....6	21 SPACER 9160293.....3	
11 SCREW MS51957-63.....2		

\* FURNISHED WITH ITEM 17  
\*\* COMPONENT OF ITEM 18

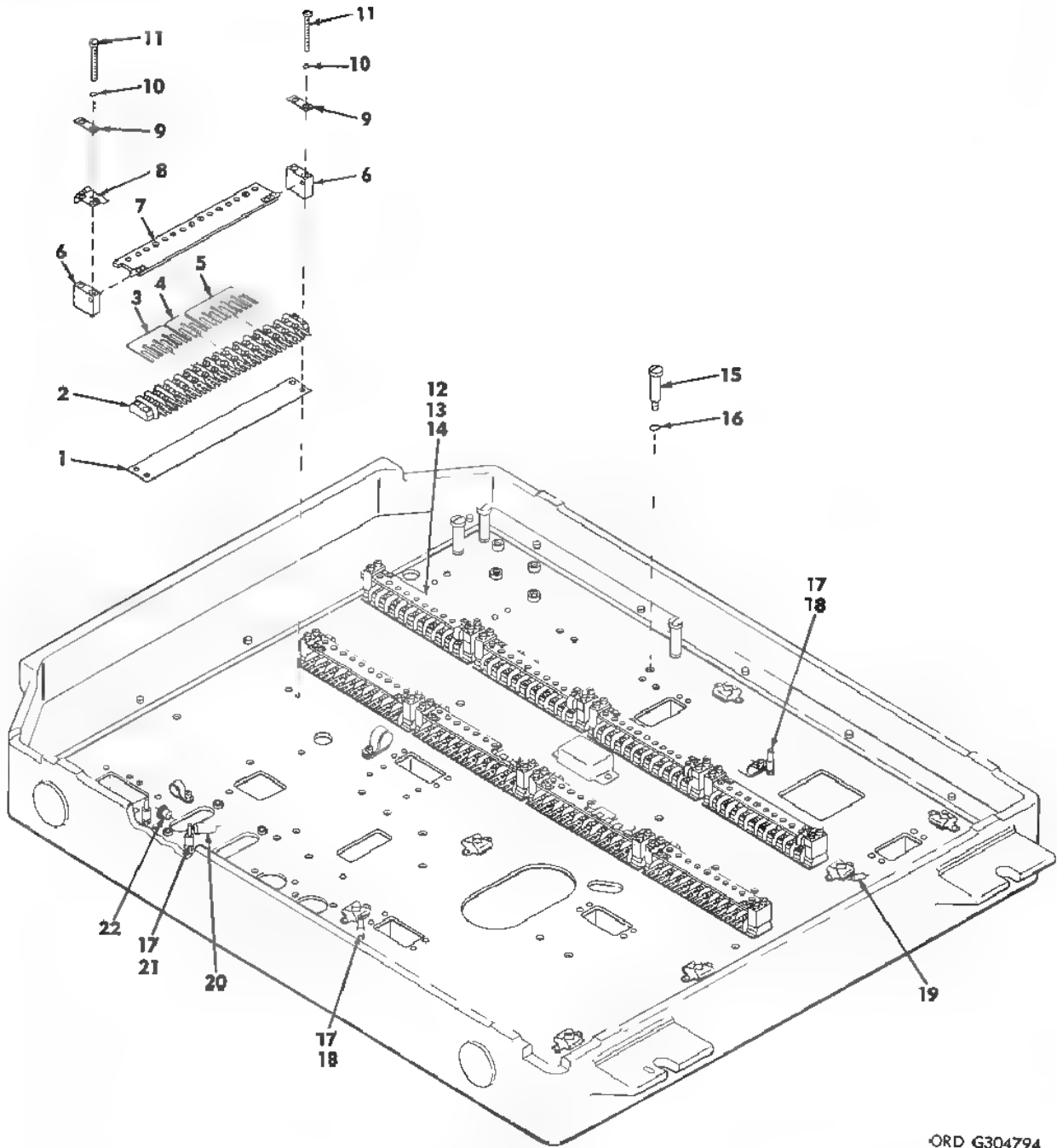
FIGURE 96. CONTROL-POWER SUPPLY GROUP /10664268/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 73 FOR NEXT HIGHER ASSEMBLY/



ORD G334088

1 POWER SUPPLY 9010654.....1	9 RELAY 7599254.....1	16 WASHER MS15795-806.....1
2 REGULATOR 8015382.....1	10 MONITOR 8150104.....1	17 SCREW 9157788-41.....1
3 WASHER MS35338-136.....20	SEE FIGURE 103 FOR DETAILS	18 NUT MS35649-204.....8
4 SCREW 9157788-38.....4	11 RECEPTACLE 8172230.....4	19 WASHER MS35338-137.....8
5 CAPACITOR CP55B1EF105K1.....1	12 SCREW 9157788-39.....17	20 CLAMP NAS1397K5N.....1
6 CAPACITOR CP55B1EC205K1.....1	13 TERMINAL STRIP 8A10154-1.....1	21 WASHER MS15795-807.....1
7 NUT MS35649-264.....6	14 GASKET 8023679.....2	22 CLAMP NAS1397K7N.....1
8 RELAY 7602891.....1	15 INSULATOR NL522W01-008.....1	

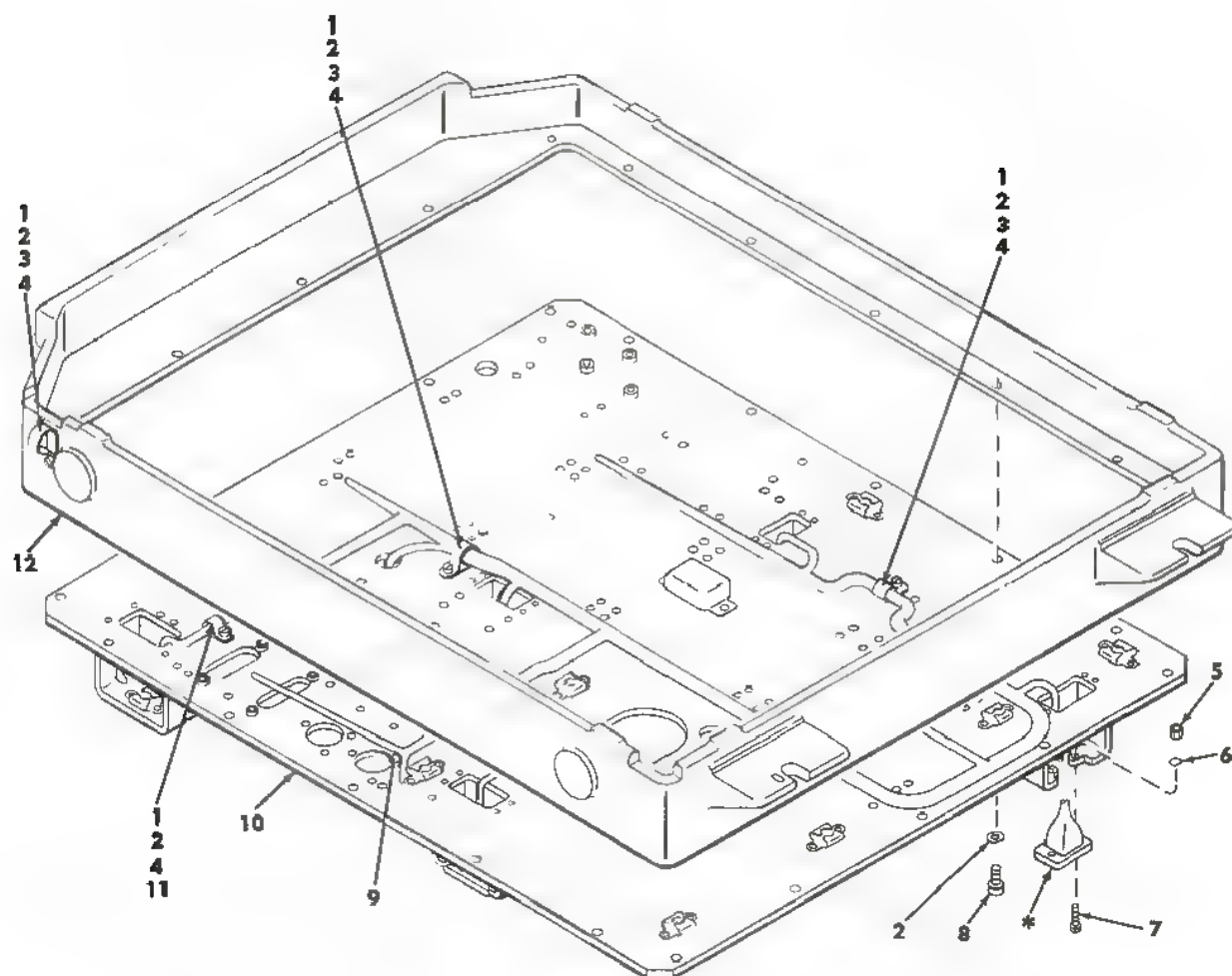
FIGURE 97. CONTROL-POWER SUPPLY GROUP /10664268/-PARTIAL EXPLODED VIEW



ORD G304794

1 INSULATOR 8024660.....1	9 PLATE 7622474.....18	17 WASHER MS35338-135.....4
2 TERMINAL BOARD 38T815.....1	10 WASHER MS35338-136.....36	18 TERMINAL 7599264.....2
3 CONTACT 8177148.....1	11 SCREW 9157788-47.....36	19 SEMICONDUCTOR DEVICE
4 LINK 8177146.....4	12 COVER 8017731.....8	JAN1N4858.....1
5 CONTACT 8177149.....1	13 TERMINAL BOARD 38T810.....8	20 RESISTOR RC42GF392J.....1
6 INSULATOR 8017728.....18	14 INSULATOR 8012434.....8	21 TERMINAL 7602353.....2
7 FANNING STRIP 9001077.....1	15 SCREW 8920688.....8	22 SEMICONDUCTOR DEVICE
8 CONTACT 8017729.....9	16 WASHER MS35338-138.....4	JAN1N540M.....1

FIGURE 98. CONTROL-POWER SUPPLY GROUP /10664268/-PARTIAL EXPLODED VIEW



ORD G304795A

1 WASHER MS15795-806.....4	7 SCREW 9157788-29.....12	11 CLAMP NAS1397K9N.....1
2 WASHER MS35338-137.....24	8 SCREW 9157788-55.....20	12 CHASSIS R172226.....1
3 CLAMP NAS1397K9N.....3	9 WIRING HARNESS 5983682.....1	
4 SCREW 9157788-41.....4	SEP FIGURE 278, NUMBER 11	
5 NUT MS35649-244.....12	FOR DETAILS	
6 WASHER MS35338-135.....12	10 PANEL 9159971.....1	* COMPONENT OF ITEM 9

FIGURE 99. CONTROL-POWER SUPPLY GROUP /10664268/-PARTIAL EXPLODED VIEW

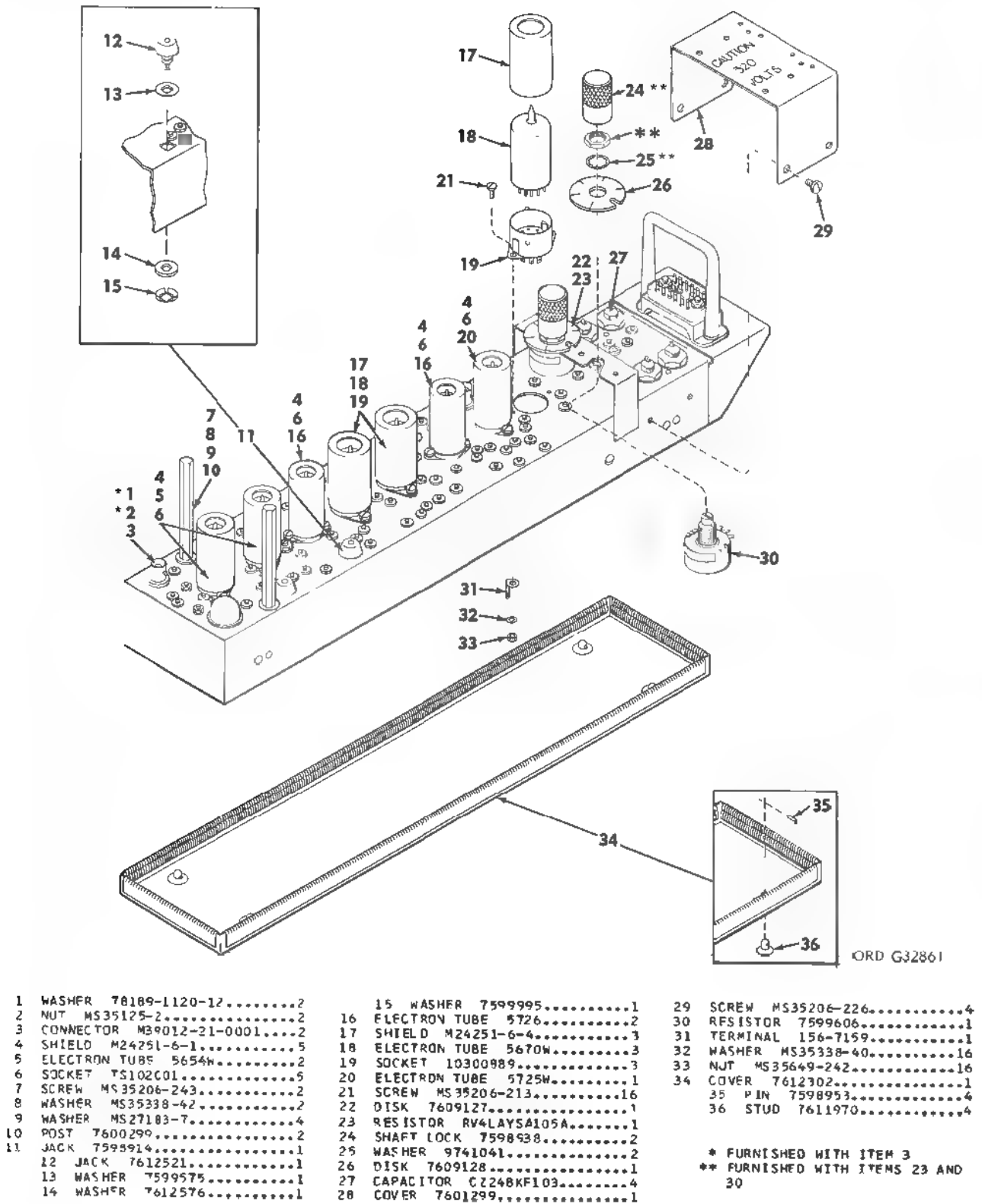
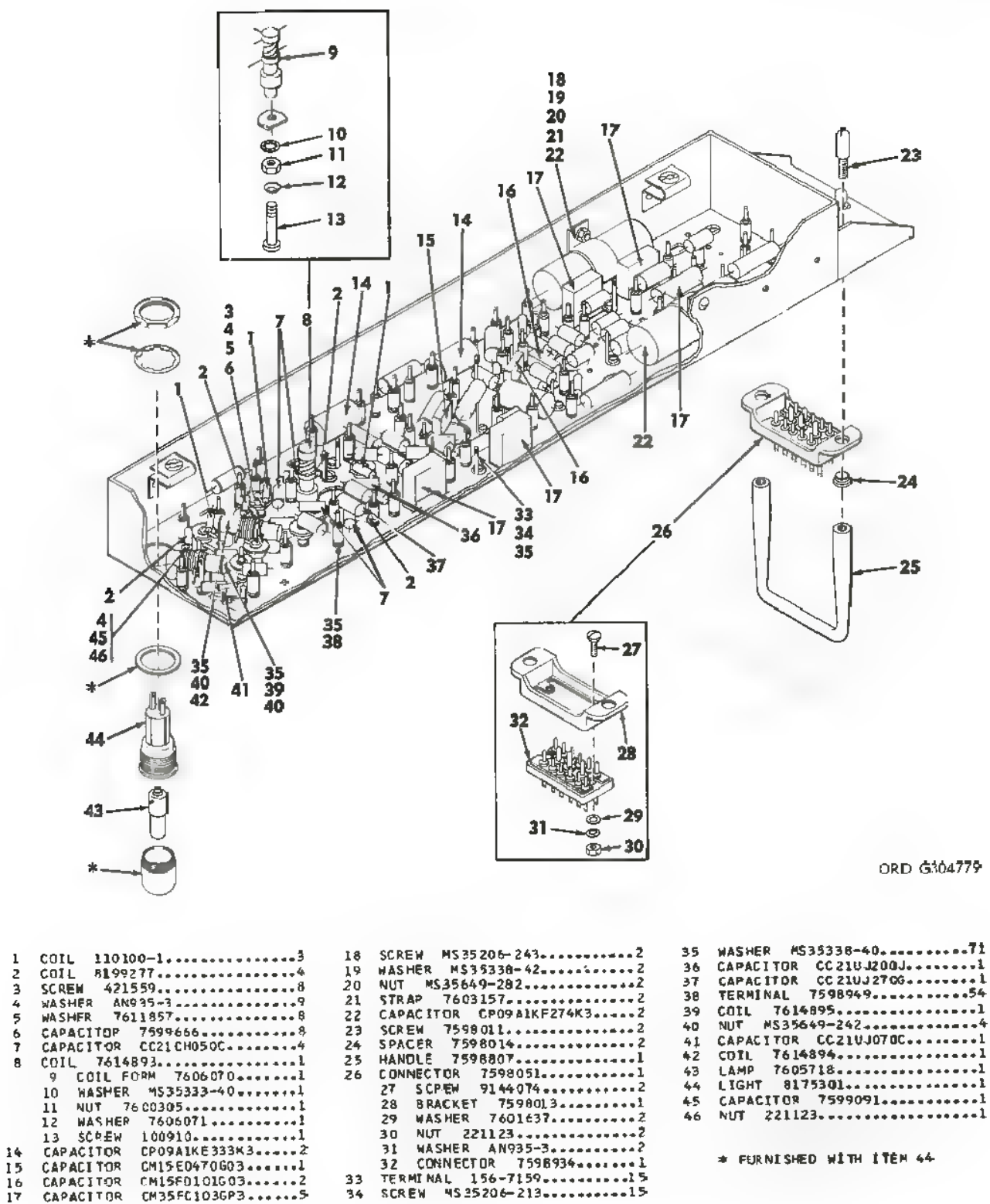
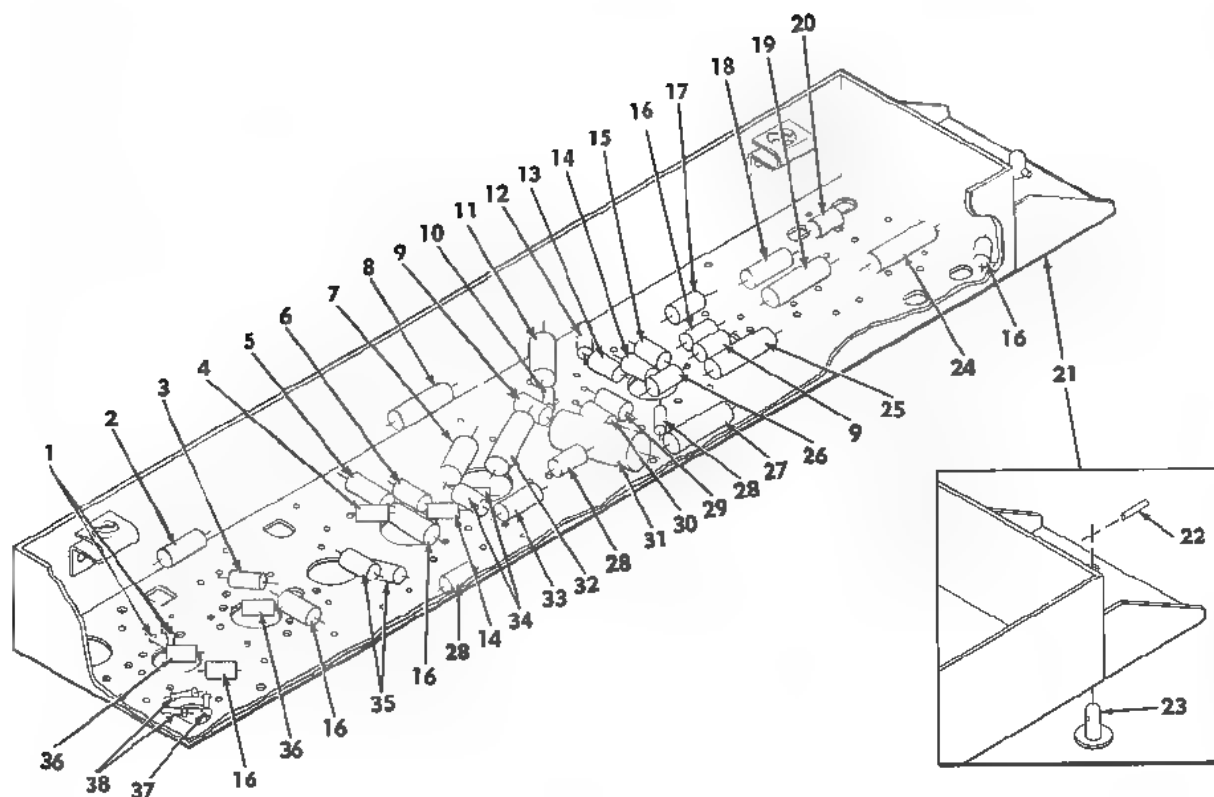


FIGURE 130. CONTROL, RECEIVER C-14968/M /8607339/-PARTIAL EXPLODED VIEW  
 /SEE FIGURE 96 FOR NEXT HIGHER ASSEMBLY/



ORD G104779

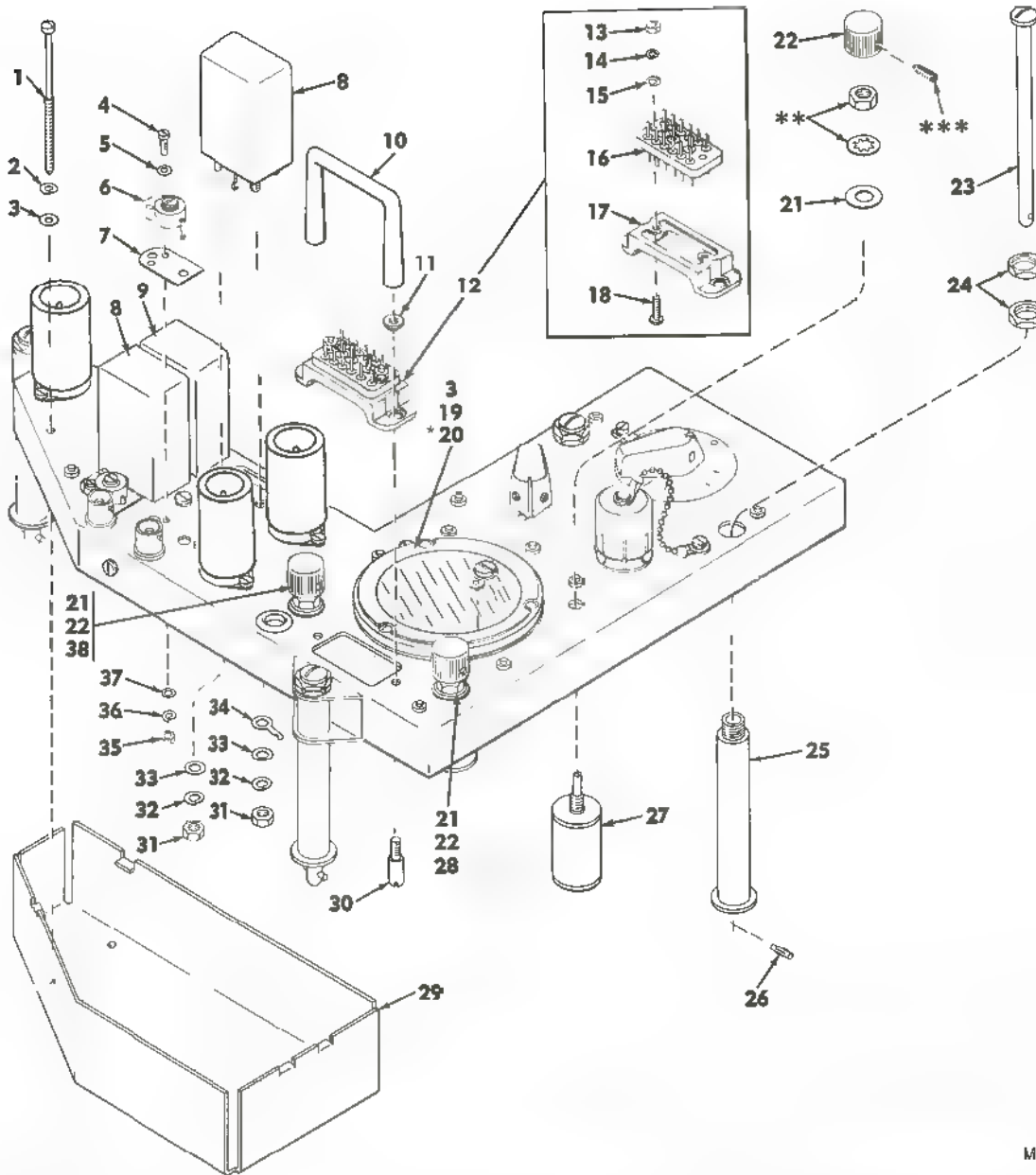
FIGURE 101. CONTROL, RECEIVER C-14968/M /8607339/-PARTIAL EXPLODED VIEW



ORD G304780

1 RESISTOR 7599660.....2	14 RESISTOR RCR 20G 474JS.....2	27 RESISTOR RN75B2003F.....1
2 RESISTOR RN65D4993F.....1	15 RESISTOR RCR20G185JS.....1	28 RESISTOR RCR20G684JS.....3
3 RESISTOR RCR20G512JS.....1	16 RESISTOR RCR20G101JS.....5	29 RESISTOR RCR20G245JS.....1
4 RESISTOR RCR20G821JS.....1	17 RESISTOR RCR 20G205JS.....1	30 RESISTOR RN65D7152F.....1
5 RESISTOR RCR32B473JS.....1	18 RESISTOR RC32GF 203J.....1	31 RESISTOR RN75B3482F.....1
6 RESISTOR RN65D3833D.....1	19 RESISTOR 7599240.....1	32 RESISTOR RN70D1152F.....1
7 RESISTOR RN65D2713D.....1	20 RESISTOR RCR 20G124JS.....1	33 RESISTOR RNC65K1213FS.....1
8 RESISTOR 9138676.....1	21 CHASSIS 7612 085.....1	34 RESISTOR RCR20G154JS.....2
9 RESISTOR RCR20G105JS.....2	22 PIN 7598936.....1	35 RESISTOR RCR20G104JS.....2
10 RESISTOR RCR 20G564JS.....1	23 PIN 7598954.....1	36 RESISTOR RCR20G331JS.....2
11 RESISTOR RN75B6812F.....1	24 RESISTOR 9158136-131.....1	37 RESISTOR 9176896.....1
12 RESISTOR RCR20G103JS.....1	25 RESISTOR 9156741.....1	38 RESISTOR RCR07G221JS.....2
13 RESISTOR RCR20G473JS.....1	26 RESISTOR RCR20G225JS.....1	

FIGURE 102. CONTROL, RECEIVER C-1496B/M /8607339/-PARTIAL EXPLODED VIEW



MS 304781A

1	SCREW 8012311.....3	16	CONNECTOR 7598934.....1	31	NUT MS35649-282.....6
2	WASHER MS35338-41.....3	17	BRACKET 7598013.....1	32	WASHER MS35338-42.....6
3	WASHER MS27183-6.....6	18	SCREW 9144074.....2	33	WASHER MS27183-7.....6
4	SCREW MS35265-19.....4	19	METER 8011212.....1	34	TERMINAL 7612728.....1
5	WASHER 7599435.....4	20	TERMINAL 7612533.....2	35	NUT MS35649-242.....4
6	CAPACITOR CV11C45C.....2	21	WASHER 8009750.....3	36	WASHER MS35338-40.....4
7	INSULATOR 8012312.....2	22	KNOB MS91528-1N18.....3	37	WASHER MS27183-4.....4
8	TRANSFORMER 8018145.....2	23	STUD 8517212.....4	38	RESISTOR 8175137.....1
9	TRANSFORMER 8015341.....1	24	NUT 815-254F1.....8		
10	HANDLE 7598807.....1	25	SPACER 8517211.....4		
11	SPACER 7598014.....2	26	PIN 7598936.....1		
12	CONNECTOR 7598051.....1	27	RESISTOR 8176516.....1		
13	NUT 221123.....2	28	RESISTOR 7221-2357-0.....1		
14	WASHER AN935-3.....2	29	COVER 8012322.....1		
15	WASHER 7601537.....2	30	SCREW 7598011.....2		

\* FURNISHED WITH ITEM 19  
 \*\* FURNISHED WITH ITEM 27  
 \*\*\* FURNISHED WITH ITEM 22

FIGURE 103. MONITOR, RADII FREQUENCY ID-433/M /8150104/-PARTIAL EXPLODED VIEW  
 /SEE FIGURE 97 FOR NEXT HIGHER ASSEMBLY/



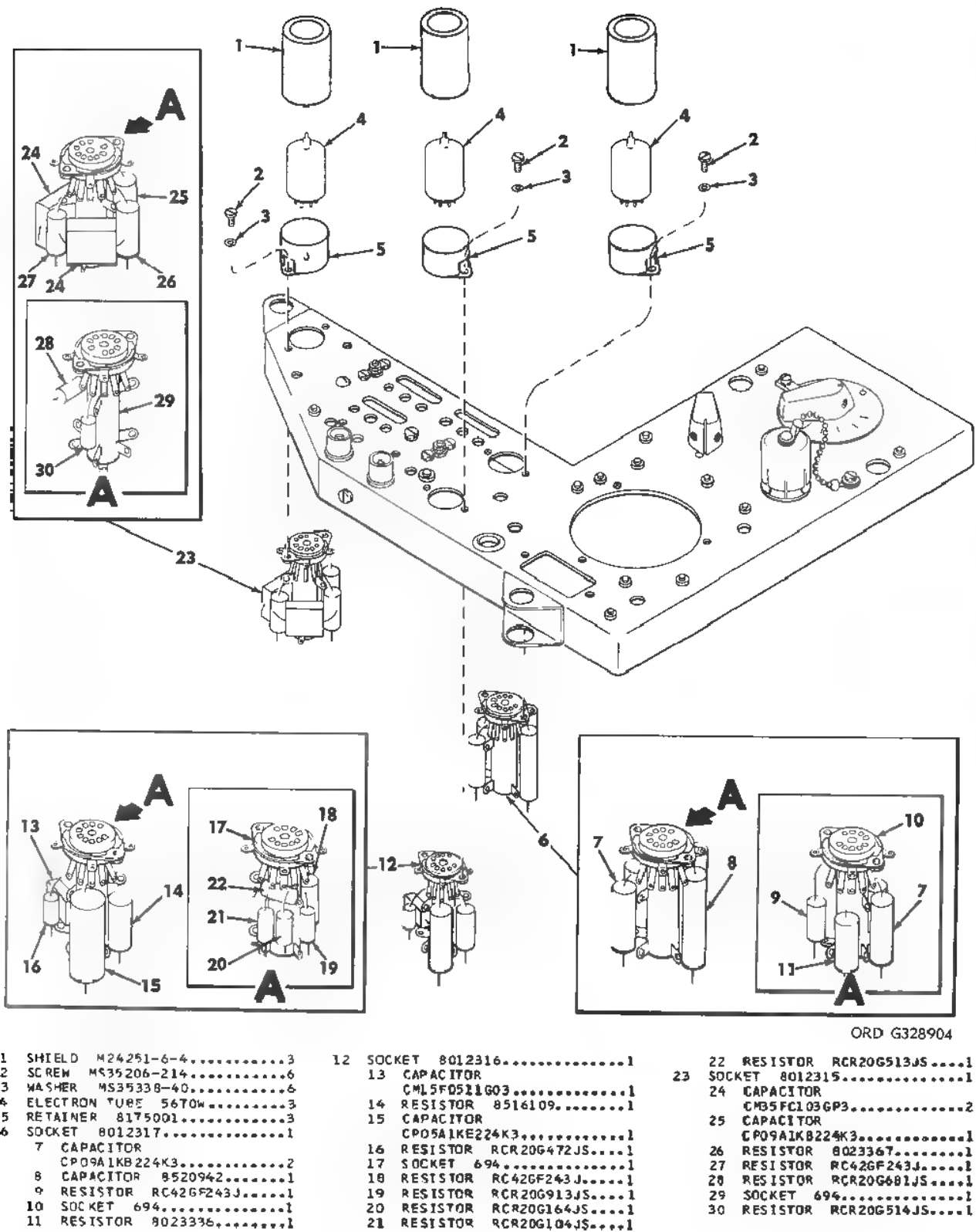
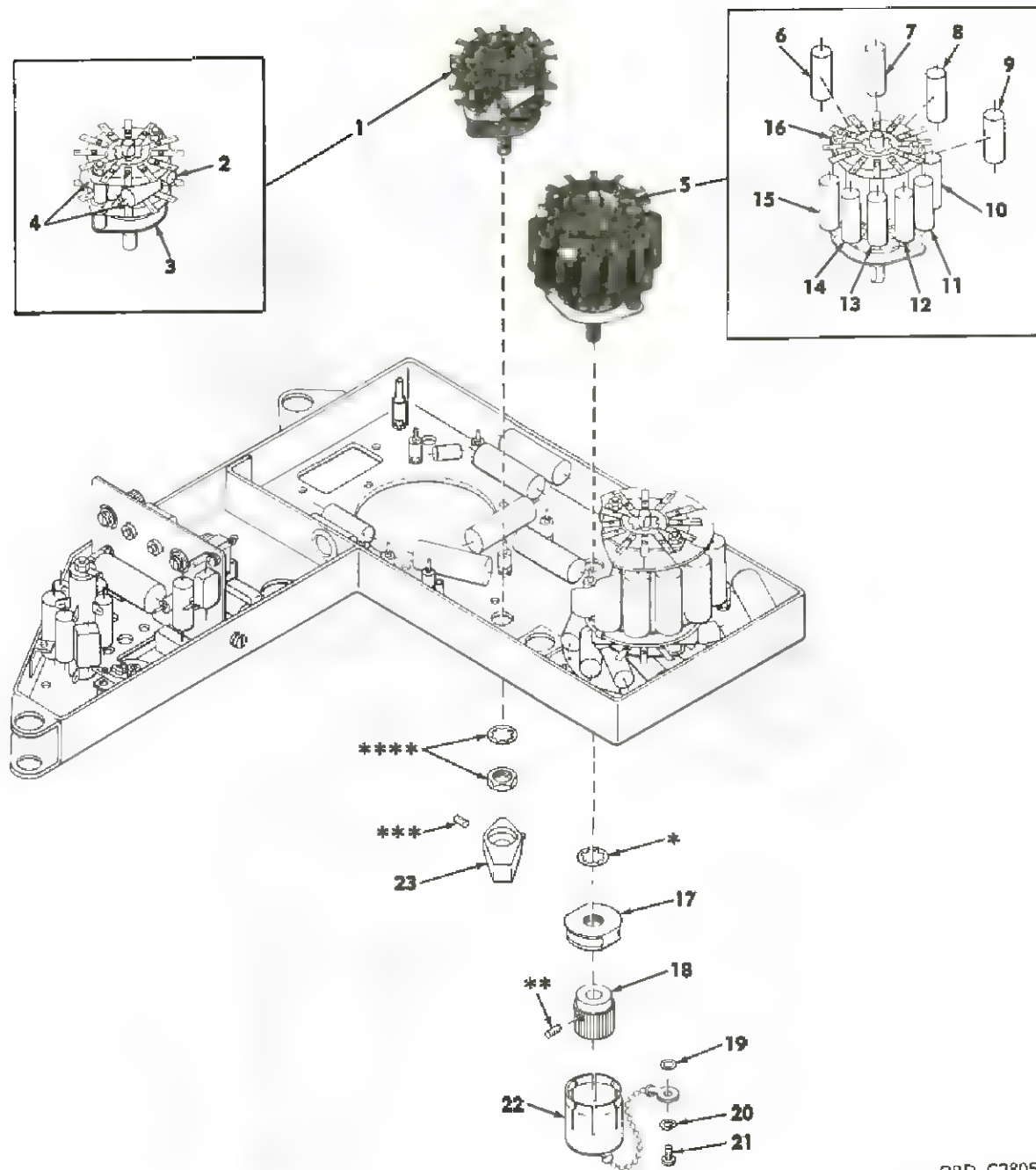


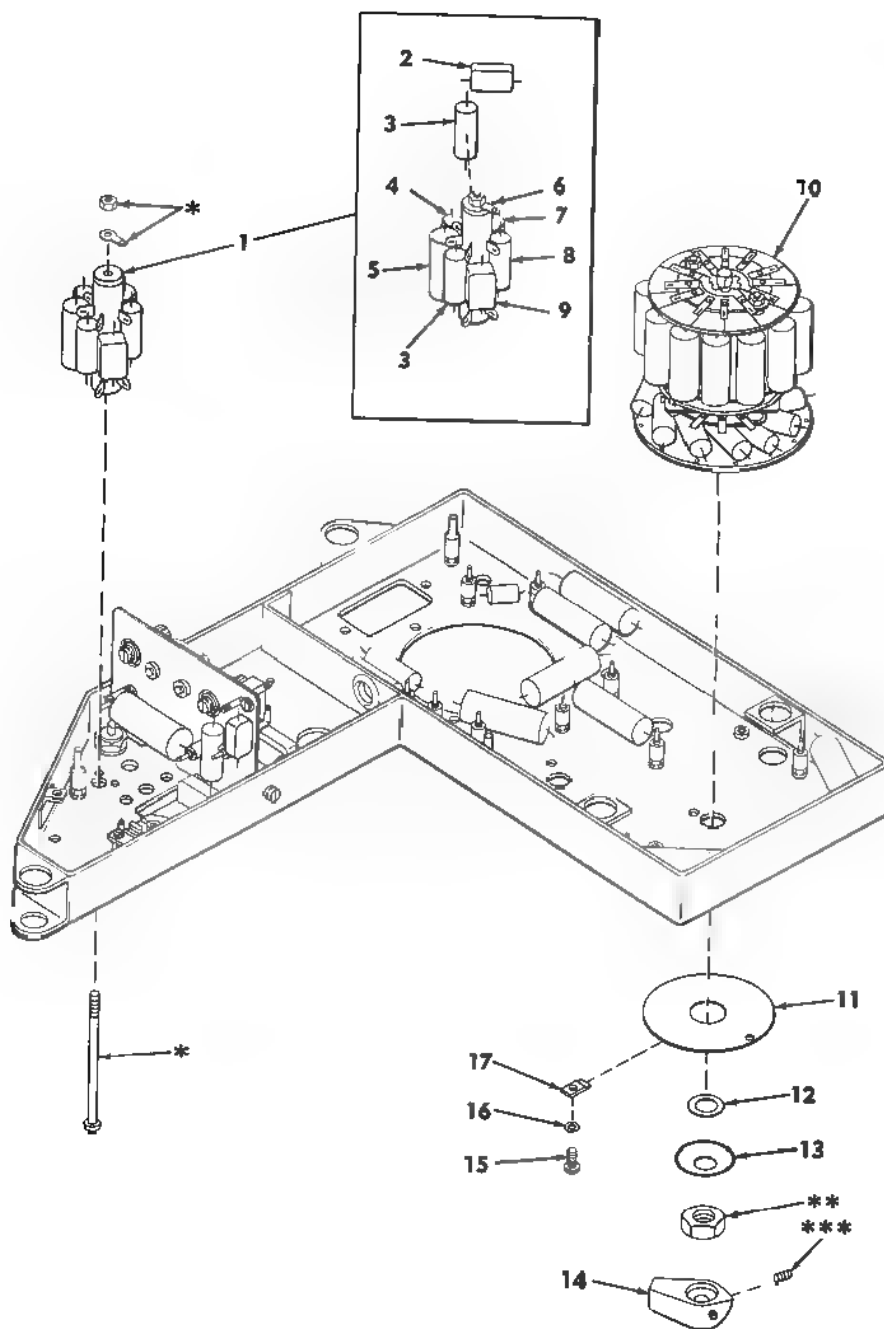
FIGURE 104. MONITOR, RADIO FREQUENCY ID-433/M /8150104/-PARTIAL EXPLODED VIEW



ORD G280545

1 SWITCH 8012552.....1	11 RESISTOR 8017832.....1	21 SCREW MS35265-13.....1
2 RESISTOR RCR20G511JS.....1	12 RESISTOR 8017833.....1	22 CAP 8018567.....1
3 SWITCH 8012548.....1	13 RESISTOR 8017834.....1	23 KNOB MS90120-2G01.....1
4 RESISTOR RCR42G273JS.....2	14 RESISTOR 8017835.....1	
5 SWITCH 8012551.....1	15 RESISTOR 8017836.....1	
6 RESISTOR 8017827.....1	16 SWITCH 8012550.....1	
7 RESISTOR 8017828.....1	17 DETENT 8018568.....1	* FURNISHED WITH ITEM 5
8 RESISTOR 8017829.....1	18 KNOB 8519620.....1	** FURNISHED WITH ITEM 18
9 RESISTOR 8017830.....1	19 WASHER MS27183-4.....1	*** FURNISHED WITH ITEM 23
10 RESISTOR 8017831.....1	20 WASHER MS35338-40.....1	**** FURNISHED WITH ITEM 1

FIGURE 105. MONITOR, RADIO FREQUENCY ID-433/M /8150104/-PARTIAL EXPLODED VIEW



ORD G304783

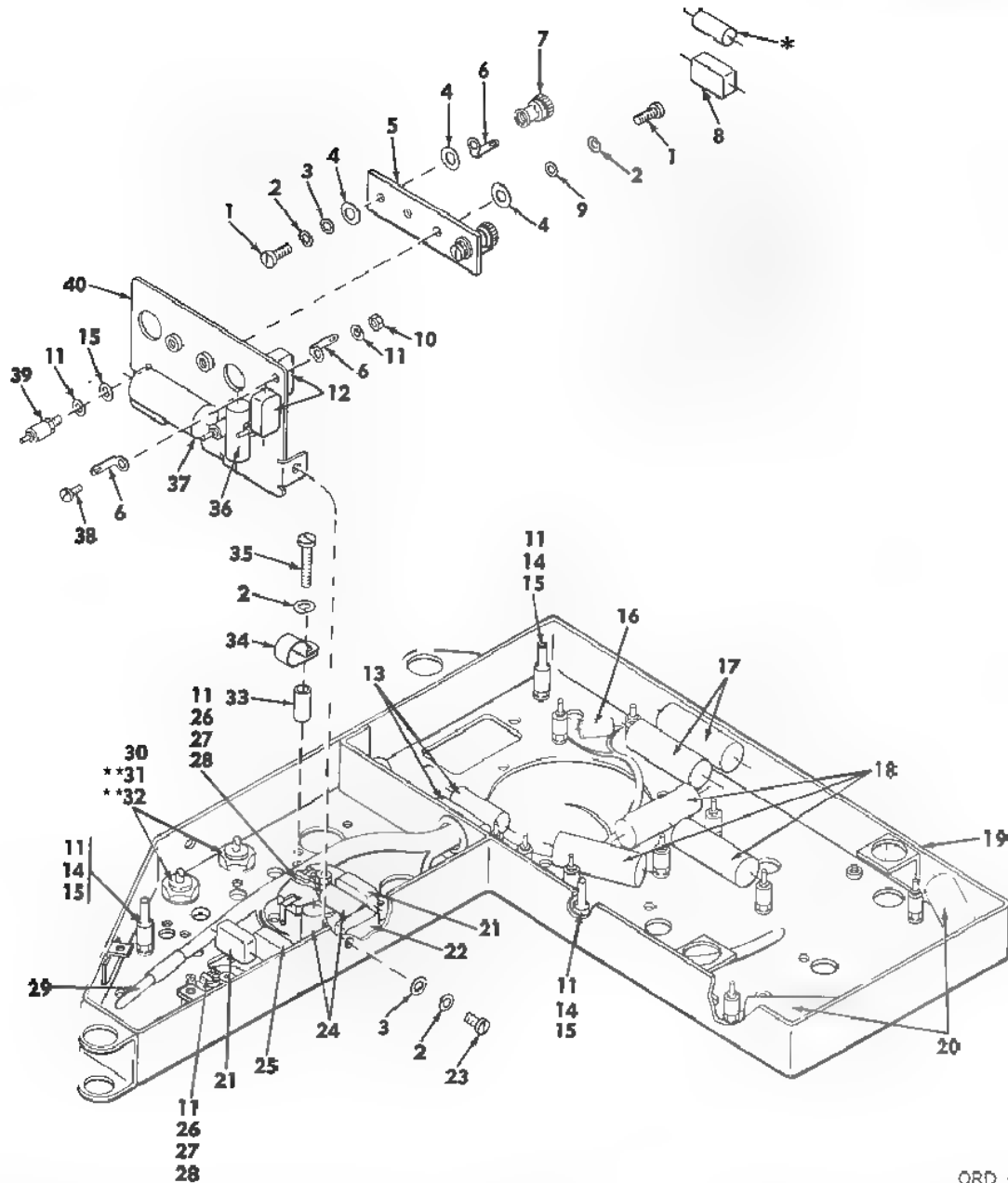
1 RESISTOR-CAPACITOR  
8012318.....1  
2 CAPACITOR  
CM15CD240J03.....1  
3 RESISTOR 8024354.....2  
4 RESISTOR 8023367.....1  
5 CAPACITOR  
CP09A1K8224K3.....1  
6 SOCKET 8175488.....1  
7 RESISTOR 9017854.....1

8 RESISTOR 8018267.....1  
9 CAPACITOR  
CM15F0301G03.....1  
10 SWITCH AND RESISTOR  
8011650.....1  
SEE FIGURE 108 FOR DETAILS  
11 DIAL 8011718.....1  
12 WASHER 8011719.....1  
13 WASHER 8519633.....1  
14 KNOB MS90120-2G01.....1

15 SCREW MS35265-27.....1  
16 WASHER MS35338-41.....1  
17 CLAMP 8C11717.....1

\* FURNISHED WITH ITEM 1  
\*\* FURNISHED WITH ITEM 10  
\*\*\* FURNISHED WITH ITEM 14

FIGURE 106. MONITOR, RADIO FREQUENCY ID-433/M /8150104/-PARTIAL EXPLODED VIEW

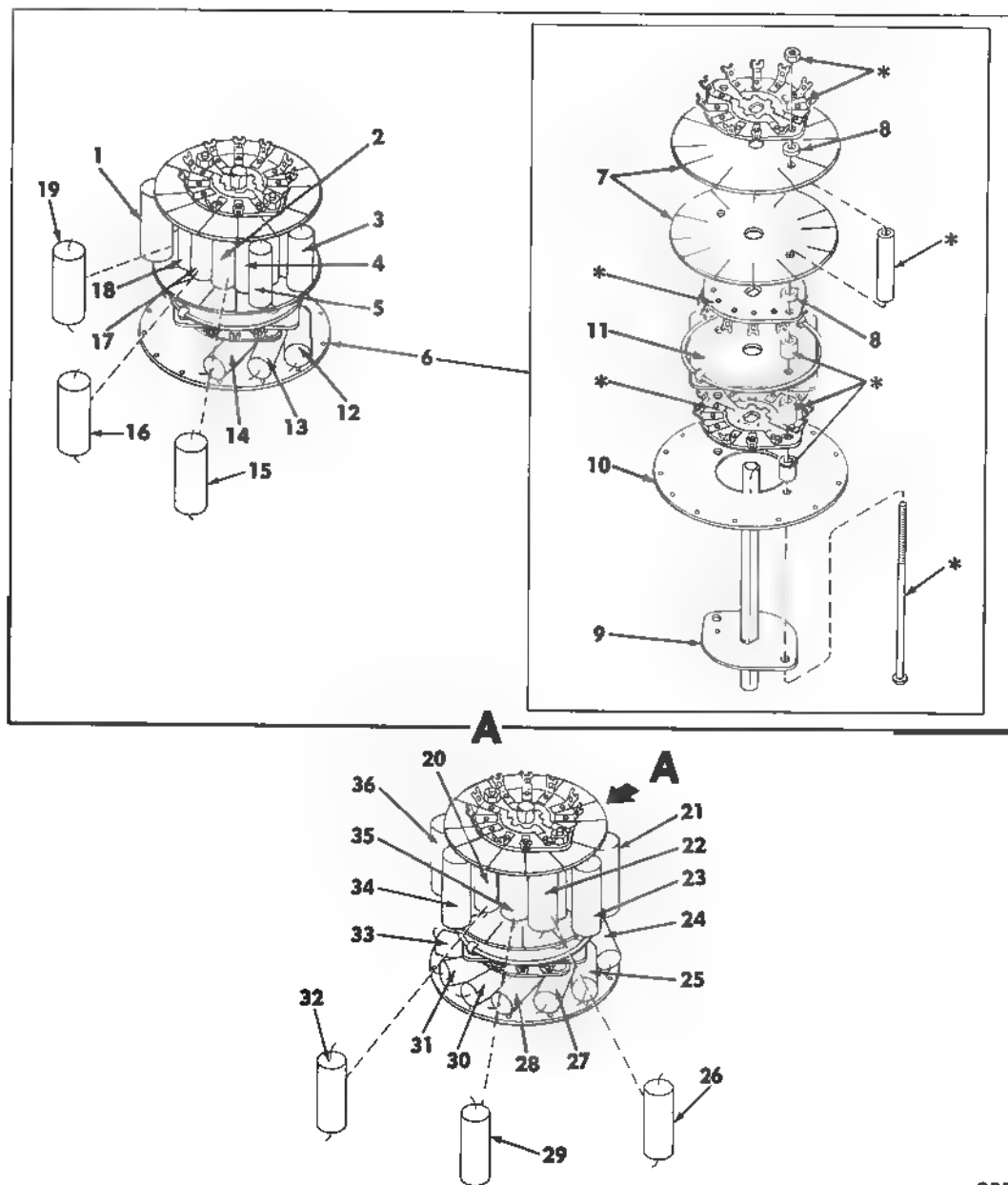


ORD G304784

1	SCREW MS35265-29.....4	16	RESISTOR RCR20G301JS.....1	31	WASHER 78189-1120-12.....2
2	WASHER MS35330-41.....8	17	RESISTOR 8017864.....2	32	NUT MS35125-2.....2
3	WASHER MS27183-6.....5	18	RESISTOR 8017852.....3	33	SPACER 7601893.....1
4	GASKET 8176457.....6	19	CHASSIS 8012533.....1	34	CLAMP MS25281R4.....1
5	INSULATOR 8011720.....1	20	RESISTOR 8023386.....2	35	SCREW MS35265-33.....1
6	TERMINAL 8175334.....4	21	CAPACITOR CM15FD820GP3.....2	36	CAPACITOR CP09A1KB224K3.....1
7	POST 8169647.....2	22	CAPACITOR CM15C0240J03.....1	37	RESISTOR R858CE58600B.....1
8	CAPACITOR CM15FD2713P3.....1	23	SCREW MS35265-27.....3	38	SCREW MS35206-214.....1
9	WASHER 2W1-10-9-20.....2	24	RESISTOR 8024354.....2	39	TERMINAL 7599C87.....13
10	NUT MS35649-242.....1	25	CAPACITOR CM15FC361G03.....1	40	PLATE 8012321.....1
11	WASHER MS35338-40.....21	26	CAPACITOR 8108036.....2		
12	CAPACITOR CM15FD750603.....2	27	SCREW MS35265-13.....4		
13	RESISTOR 8023359.....2	28	WASHER MS9320-04.....4		
14	TERMINAL 7599264.....3	29	WIRING HARNESS 8013030.....1		
15	WASHER MS27183-4.....26	30	CONNECTOR M39012-21-0001.....2		

\* VALUE OF RESISTOR R16 TO BE  
SELECTED AT TEST  
\*\* FURNISHED WITH ITEM 30

FIGURE 107. MONITOR, RADIO FREQUENCY IO-433/M /8150104/-PARTIAL EXPLODED VIEW

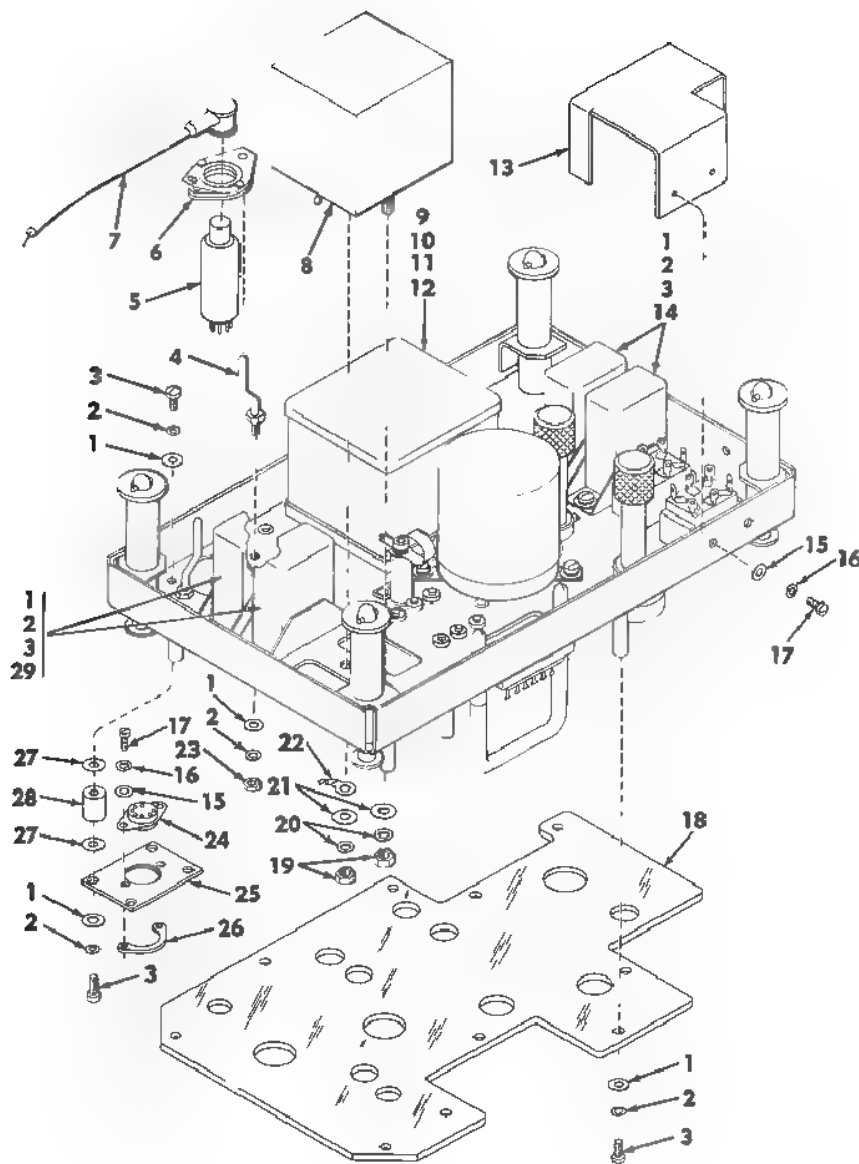


ORD G304785

1 RESISTOR 8023395.....1	14 RESISTOR 8023380.....1	27 RESISTOR 8023377.....1
2 RESISTOR 7601587.....1	15 RESISTOR 8023392.....1	28 RESISTOR 8023376.....1
3 RESISTOR 8023389.....1	16 RESISTOR 8023393.....1	29 RESISTOR 8023385.....1
4 RESISTOR 8023364.....1	17 RESISTOR 8023363.....1	30 RESISTOR 8023375.....1
5 RESISTOR 8023364.....1	18 RESISTOR 8023363.....1	31 RESISTOR 8023374.....1
6 SWITCH 8011651.....1	19 RESISTOR 8023394.....1	32 RESISTOR 8023383.....1
7 INSULATOR 8011399.....2	20 RESISTOR 8023366.....1	33 RESISTOR 8023373.....1
8 WASHER 7599435.....4	21 RESISTOR 8023396.....1	34 RESISTOR 8023384.....1
9 SWITCH 8011652.....1	22 RESISTOR 8023388.....1	35 RESISTOR 8023387.....1
10 PLATE 8012881.....1	23 RESISTOR 8023397.....1	36 RESISTOR 8023365.....1
11 INSULATOR 8011398.....1	24 RESISTOR 8023375.....1	
12 RESISTOR 8023382.....1	25 RESISTOR 8023378.....1	
13 RESISTOR 8023381.....1	26 RESISTOR 8023399.....1	

\* FURNISHED WITH ITEM 9

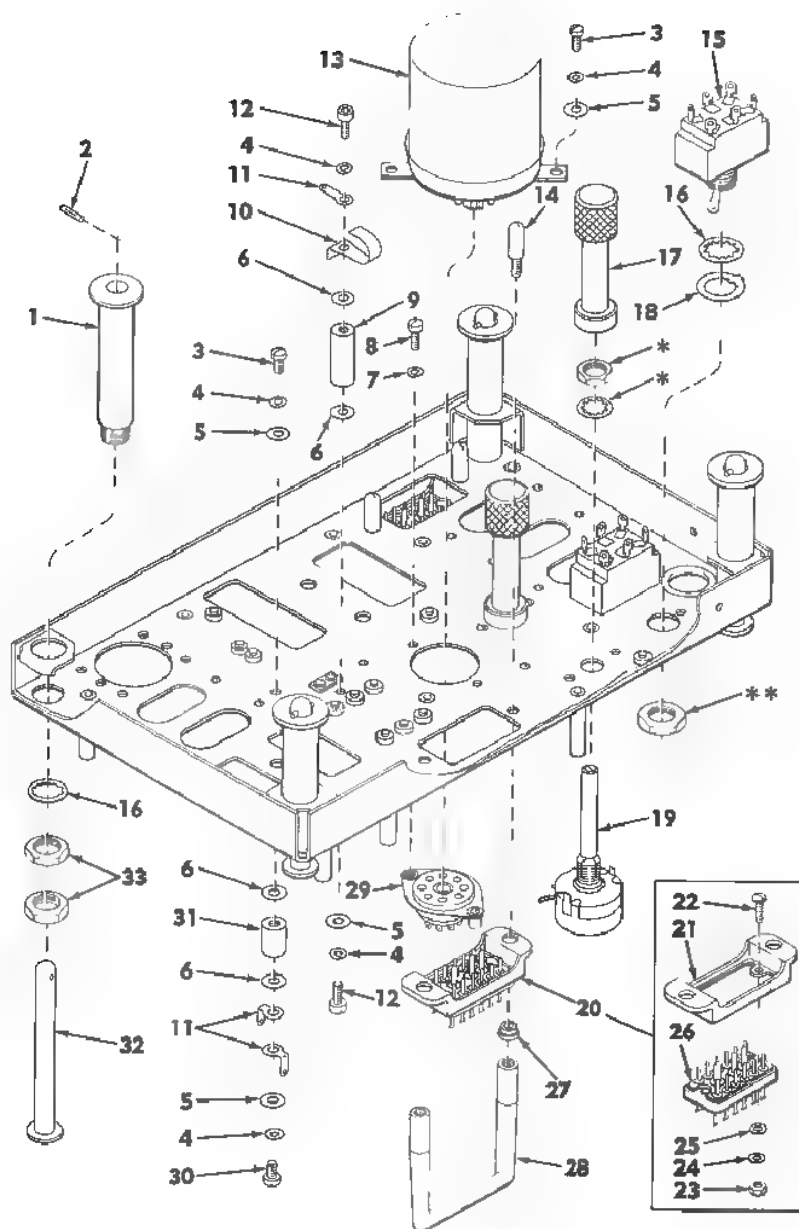
FIGURE 108. SWITCH AND RESISTOR /8011650/-EXPLODED VIEW  
/SEE FIGURE 106 FOR NEXT HIGHER ASSEMBLY/



MS 304786B

1	WASHER	MS27183-6.....	28
2	WASHER	MS35338-41.....	28
3	SCREW	MS35206-227.....	26
4	STUD	8511924.....	2
5	ELECTROM TUBE	5517.....	1
6	RETAINER	8018187.....	1
7	LEAD	8511923.....	1
8	TRANSFORMER	7605698.....	1
9	NUT	MS35649-202.....	2
10	WASHER	MS35338-43.....	2
11	WASHER	MS27183-8.....	2
12	TRANSFORMER	8010788.....	1
13	PLATE	8511086.....	1
14	CAPACITOR	CP9181FF504K1.....	2
15	WASHER	MS27183-4.....	3
16	WASHER	MS35338-40.....	5
17	SCREW	MS35206-214.....	5
18	PLATE	8511081.....	1
19	NUT	MS35649-282.....	2
20	WASHER	MS35338-42.....	2
21	WASHER	MS27183-7.....	2
22	TERMINAL	7612728.....	1
23	NUT	MS35649-262.....	2
24	SOCKET	M12883-08-01.....	1
25	PLATE	8009283.....	1
26	STRAP NUT	8890710.....	1
27	GASKET	8023679.....	8
28	INSULATOR	NL422W01-004.....	4
29	CAPACITOR	CP9186FH503V1.....	2

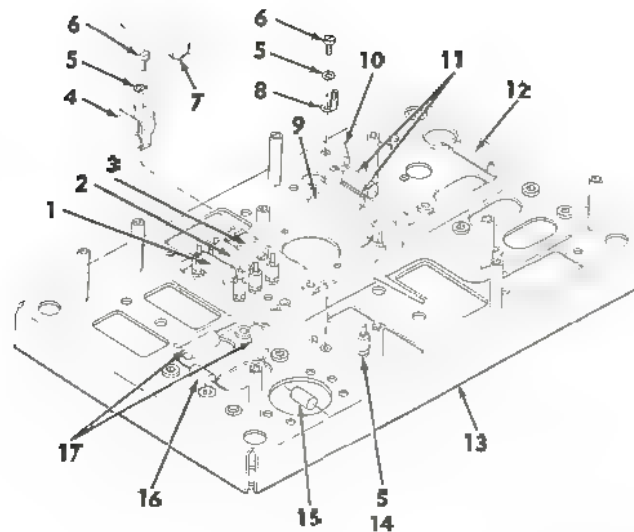
FIGURE 109. CONTROL, POWER SUPPLY /919969/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 96 FOR NEXT HIGHER ASSEMBLY/



ORD G304787

- |    |                            |                   |    |           |                    |    |                           |                    |
|----|----------------------------|-------------------|----|-----------|--------------------|----|---------------------------|--------------------|
| 1  | SPACER                     | B512400.....4     | 14 | SCREW     | 7598011.....+4     | 26 | CONNECTOR                 | 7598934.....1      |
| 2  | PIN                        | 7598936.....4     | 15 | SWITCH    | M535059-26.....+2  | 27 | SPACER                    | 7598014.....4      |
| 3  | SCREW                      | M535206-227.....3 | 16 | WASHER    | M535339-121.....+2 | 28 | HANDLE                    | 7598807.....2      |
| 4  | WASHER                     | M535338-41.....6  | 17 | NUT       | B511085.....+2     | 29 | SOCKET                    | B516222.....1      |
| 5  | WASHER                     | M527183-6.....5   | 18 | WASHER    | B531270.....+2     | 30 | SCREW                     | M535206-226.....1  |
| 6  | GASKET                     | B023679.....4     | 19 | RESISTOR  | B515496.....+2     | 31 | INSULATOR                 | NL422W01-004.....1 |
| 7  | WASHER                     | M535339-40.....2  | 20 | CONNECTOR | 7598051.....+2     | 32 | STUD                      | B512401.....4      |
| 8  | SCREW                      | M535206-214.....2 | 21 | BRACKET   | 7598013.....+1     | 33 | NUT                       | B15-254F1.....+8   |
| 9  | INSULATOR                  | B177001.....1     | 22 | SCREW     | 9144074.....+2     |    |                           |                    |
| 10 | CONTACT                    | 8000341.....1     | 23 | NUT       | Z21123.....+2      |    |                           |                    |
| 11 | TERMINAL                   | B515645.....3     | 24 | WASHER    | AN935-3.....+2     |    |                           |                    |
| 12 | SCREW                      | M516997-19.....2  | 25 | WASHER    | 7601537.....+2     |    |                           |                    |
| 13 | NETWORK                    | B511084.....1     |    |           |                    |    |                           |                    |
|    | SEE FIGURE 112 FOR DETAILS |                   |    |           |                    |    |                           |                    |
|    |                            |                   |    |           |                    |    | * FURNISHED WITH ITEM 19  |                    |
|    |                            |                   |    |           |                    |    | ** FURNISHED WITH ITEM 15 |                    |

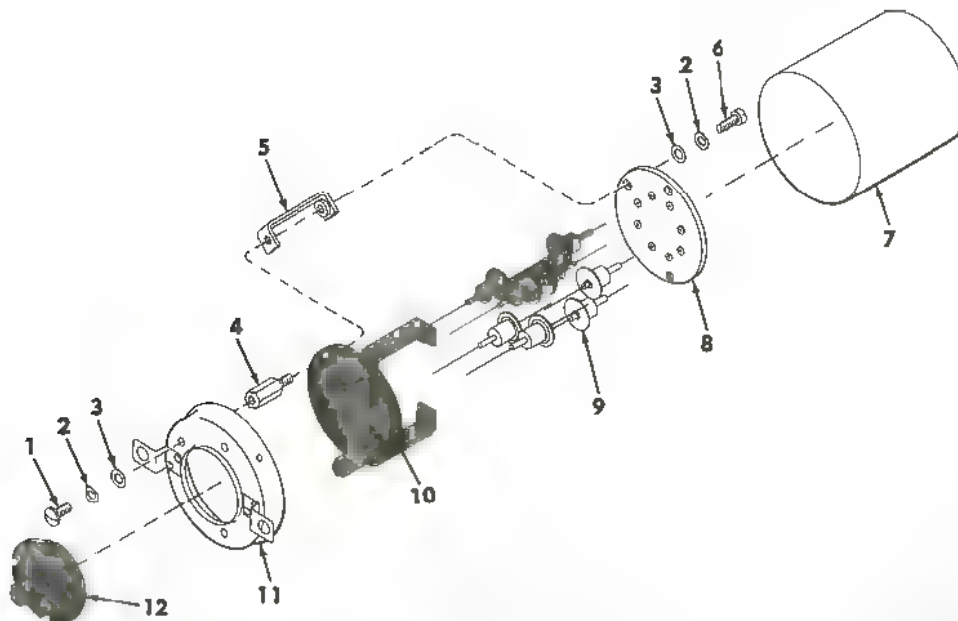
FIGURE 110. CONTROL, POWER SUPPLY /9159969/-PARTIAL EXPLODED VIEW



MS 304788A

1 RESISTOR RCR42G273JS.....1	7 RESISTOR RW56V151.....1	13 CHASSIS 9160095.....1
2 RESISTOR RC42GF243J.....1	8 TERMINAL 8177439.....1	14 TERMINAL T598949.....8
3 RESISTOR RCR20G512JS.....1	9 RESISTOR 7602244.....1	15 RESISTOR RCR20G106JS.....1
4 CLIP T598053.....1	10 RESISTOR RCR20G103JS.....1	16 RESISTOR RCR20G305JS.....1
5 WASHER MS35338-40.....11	11 RESISTOR RCR32G123JS.....2	17 RESISTOR RCR32G205JS.....2
6 SCREW MS35206-213.....3	12 WIRING HARNESS 8173309.....1	

FIGURE 111. CONTROL, POWER SUPPLY /9159969/-PARTIAL EXPLODED VIEW

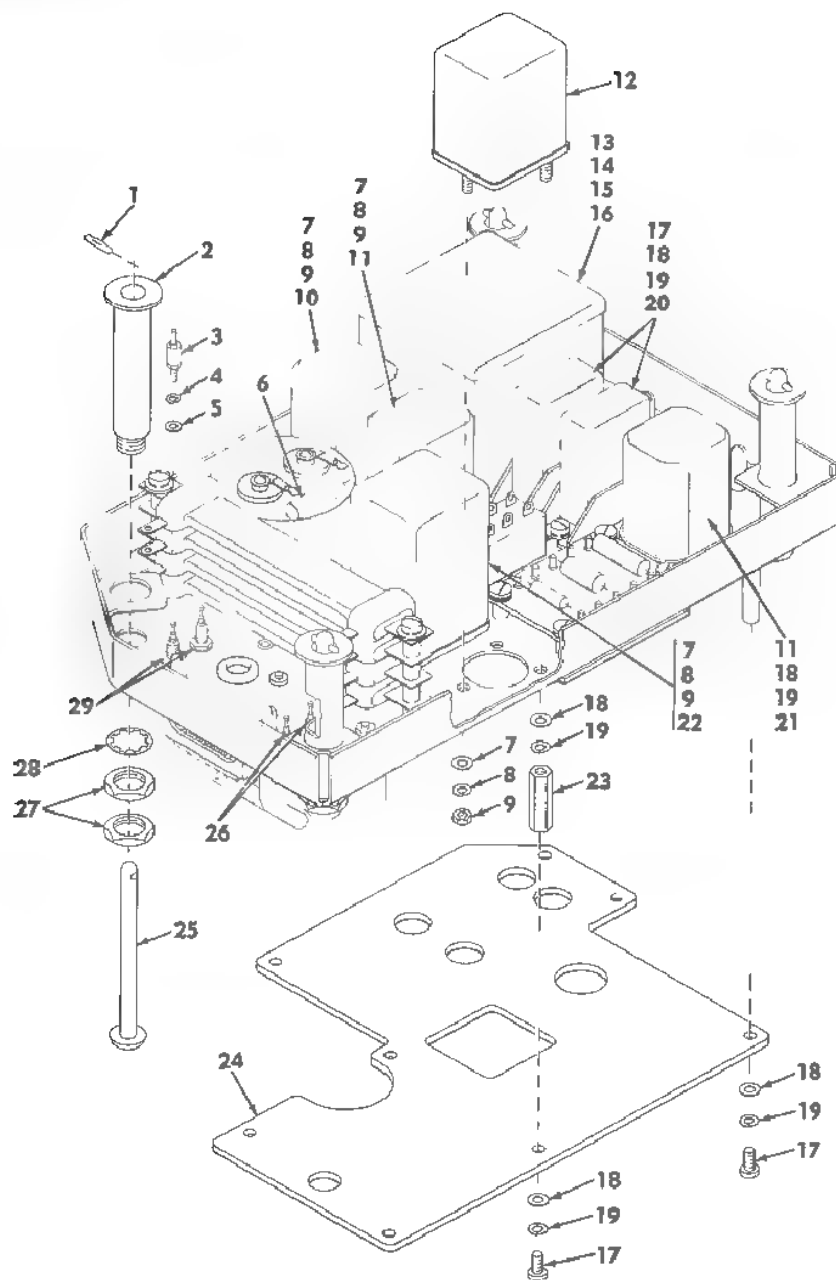


ORD G256678

1 SCREW MS35206-214.....3	6 SCREW MS35265-15.....3	10 TERMINAL BOARD 8512814.....1
2 WASHER MS35338-40.....6	7 COVER 8511359.....1	11 BRACKET 8512818.....1
3 WASHER MS27183-4.....6	8 TERMINAL BOARD 8512815.....1	12 BASE 8511355.....1
4 SPACER 8511357.....3	9 SEMICONDUCTOR DEVICE JAN1N540M.....8	
5 BRACKET 8511356.....3		

FIGURE 112. NETWORK, RECTIFIER /8511084/-EXPLODED VIEW  
/SEE FIGURE 110 FOR NEXT HIGHER ASSEMBLY/

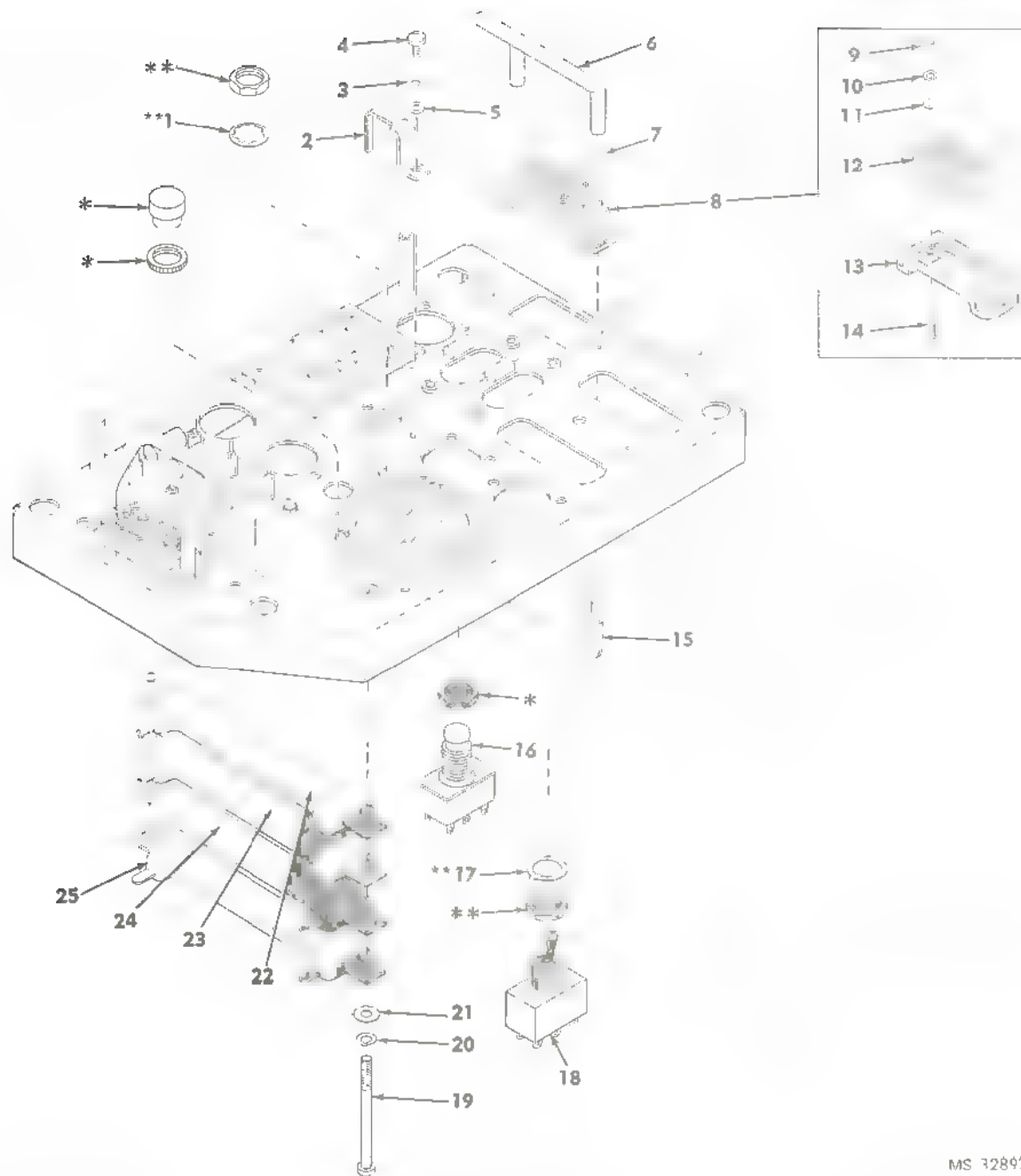




ORD G304789

1 PIN 7598936.....4	11 RELAY 9009252.....2	21 NUT MS35649-262.....3
2 SPACER 8512400.....4	12 RELAY 9003277.....1	22 RELAY 8518289.....1
3 TERMINAL 7599264.....1	13 WASHER MS27183-2.....2	23 POST 8517646.....1
4 WASHER MS35338-40.....1	14 WASHER MS35338-43.....2	24 PLATE 9142688.....1
5 WASHER MS27183-4.....1	15 NUT MS35649-202.....2	25 STUD 8512401.....4
6 RESISTOR 9009642.....1	16 TRANSFORMER 7605345.....1	26 JACK M39024-10-02.....2
7 WASHER MS27183-7.....11	17 SCREW MS35206-227.....11	27 NUT 815-254F1.....8
8 WASHER MS35338-42.....11	18 WASHER MS27183-6.....16	28 WASHER 9001071.....4
9 NUT MS35649-282.....11	19 WASHER MS35338-41.....16	29 JACK M39024-10-03.....2
10 RELAY 9009782.....1	20 CAPACITOR CP9186FH503V1.....2	

FIGURE 113. CONTROL, INDICATOR /10668227/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 96 FOR NEXT HIGHER ASSEMBLY/

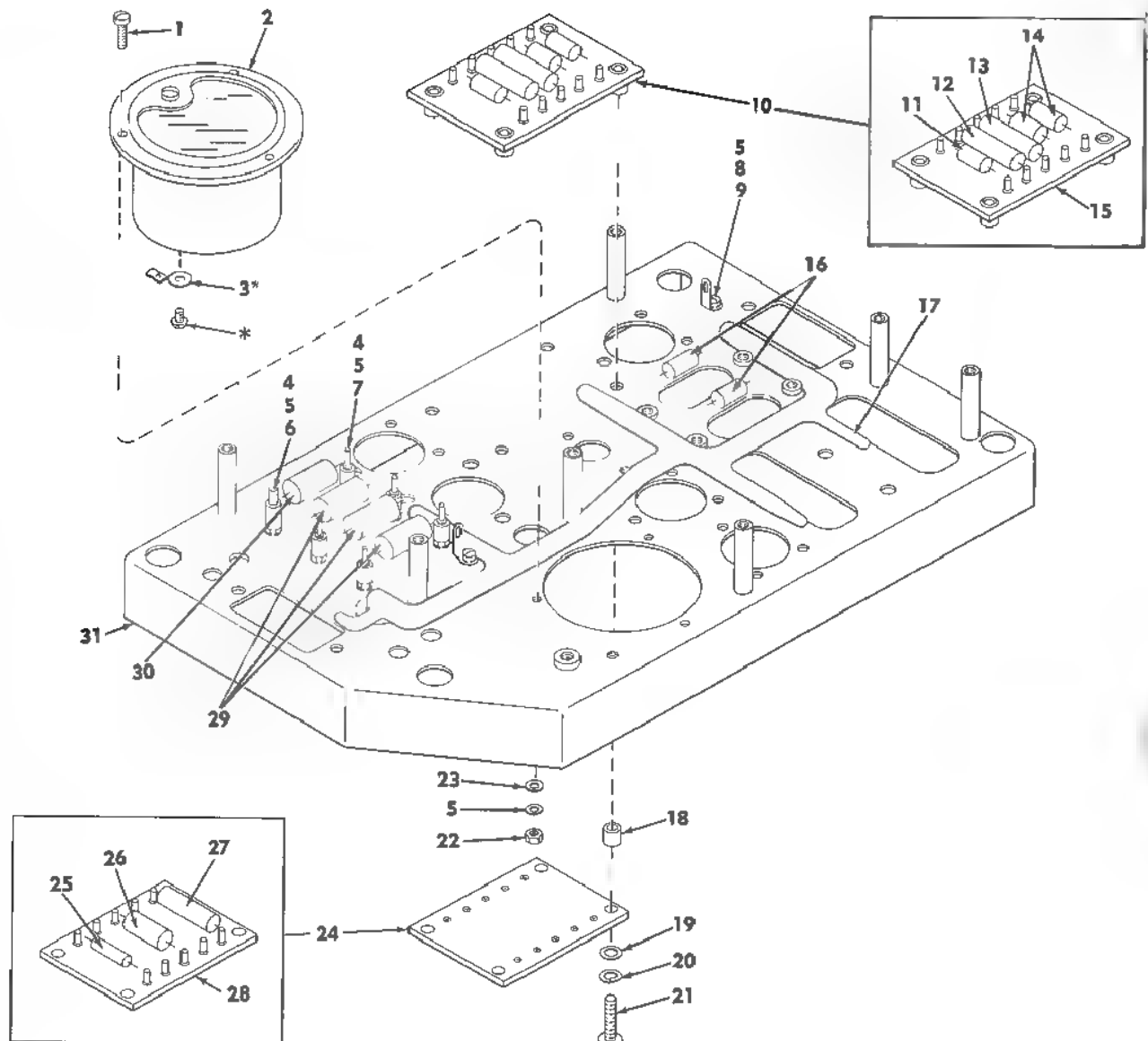


MS 328922B

1	WASHER	MS35333-121.....	1
2	BRACKET	8009292.....	1
3	WASHER	MS35338-41.....	1
4	SCREW	MS35206-227.....	1
5	WASHER	MS27183-4.....	1
6	HANDLE	8171976.....	2
7	SPACER	7598014.....	4
8	CONNECTOR	7598051.....	2
9	NUT	221123.....	2
10	WASHER	AN935-3.....	2
11	WASHER	7601537.....	2
12	CONNECTOR	7598934.....	1
13	BRACKET	7596C13.....	1
14	SCREW	9144074.....	2
15	SCREW	7598011.....	4
16	SWITCH	7602748.....	1
17	WASHER	MS25081-4.....	2
18	SWITCH	MS25100-23.....	1
19	SCREW	MS35206-241.....	2
20	WASHER	MS35338-42.....	2
21	WASHER	MS27183-7.....	2
22	RESISTOR	RW23V510.....	1
23	RESISTOR	RW23V160.....	1
24	RESISTOR	RW23V101.....	1
25	RESISTOR	RW23V820.....	1

\* FURNISHED WITH ITEM 16  
\*\* FURNISHED WITH ITEM 18

FIGURE 114. CONTROL, INDICATOR /166P227/-PARTIAL EXPLODED VIEW



MS 304791B

1	SCREW MS35206-217.....3	14	RESISTOR RCR20G473JS....2	25	RESISTOR 9144021.....1
2	METER 9142706.....1	15	TERMINAL BOARD	26	RESISTOR RC426F133J.....1
3	TERMINAL 7612533.....2		9142686.....1	27	RESISTOR 8519079.....1
4	WASHER MS27183-4.....6	16	RESISTOR RCR20G473JS....2	28	TERMINAL BOARD
5	WASHER MS35338-40.....11	17	WIRING HARNESS 10668231.....1		9142684.....1
6	TERMINAL 7599264.....1	18	SPACER 9142682.....4	29	RESISTOR RCR42G753JS.....3
7	TERMINAL 7598949.....5	19	WASHER MS27183-6.....4	30	RESISTOR RCR42G622JS.....1
8	SCREW MS35206-213.....2	20	WASHER MS35338-41.....4	31	CHASSIS 9142690.....1
9	TERMINAL 8177439.....2	21	SCREW MS35206-232.....4		
10	RESISTOR ASSEMBLY	22	NUT MS35649-242.....3		
	9142687.....1	23	WASHER MS9320-04.....3		
11	RESISTOR RCR20G106JS....1	24	RESISTOR ASSEMBLY		
12	RESISTOR 8516218.....1		9142685.....1		
13	RESISTOR RC326F751J.....1				

\* FURNISHED WITH ITEM 2

FIGURE 115. CONTROL, INDICATOR /10668227/-PARTIAL EXPLODED VIEW



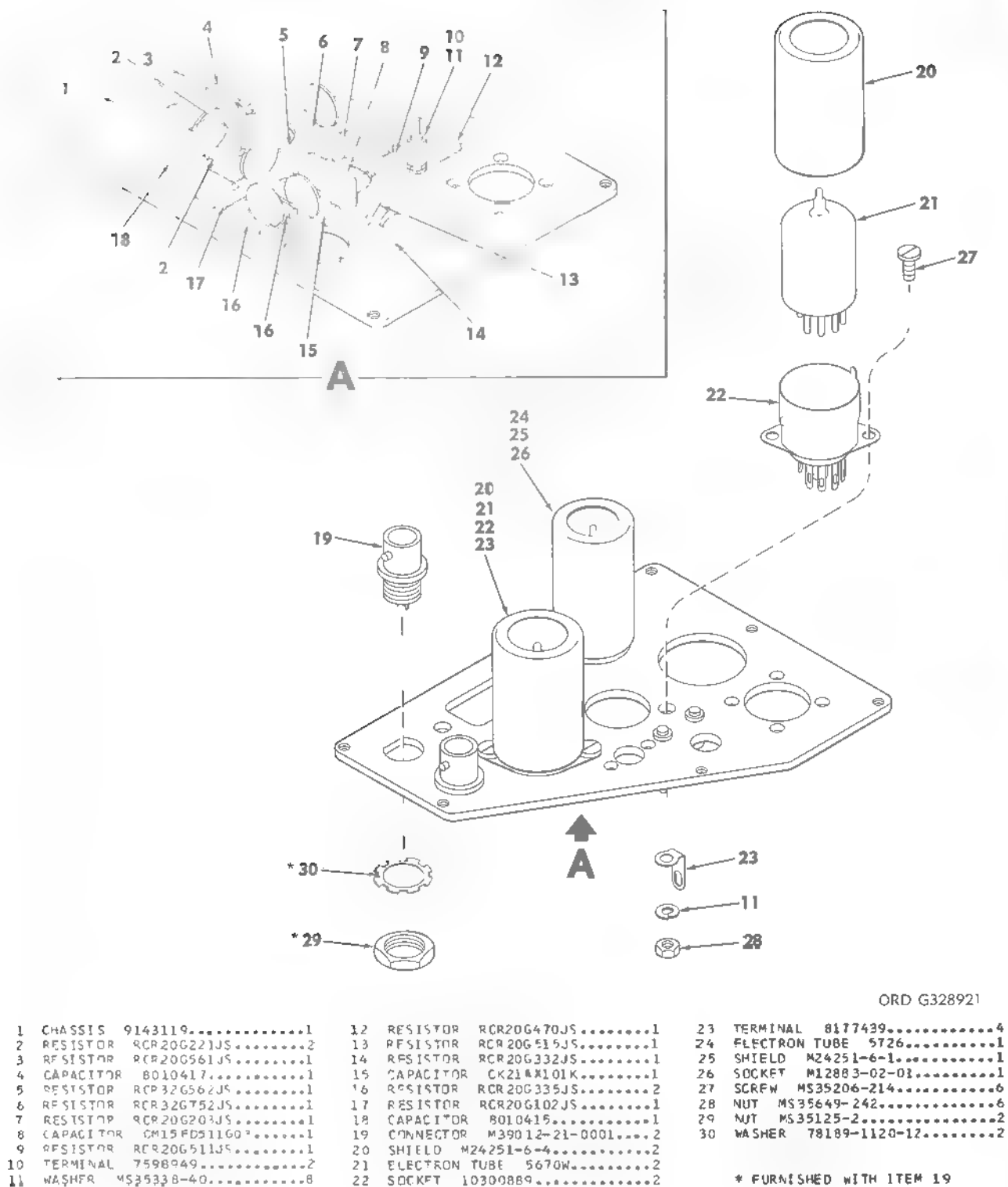
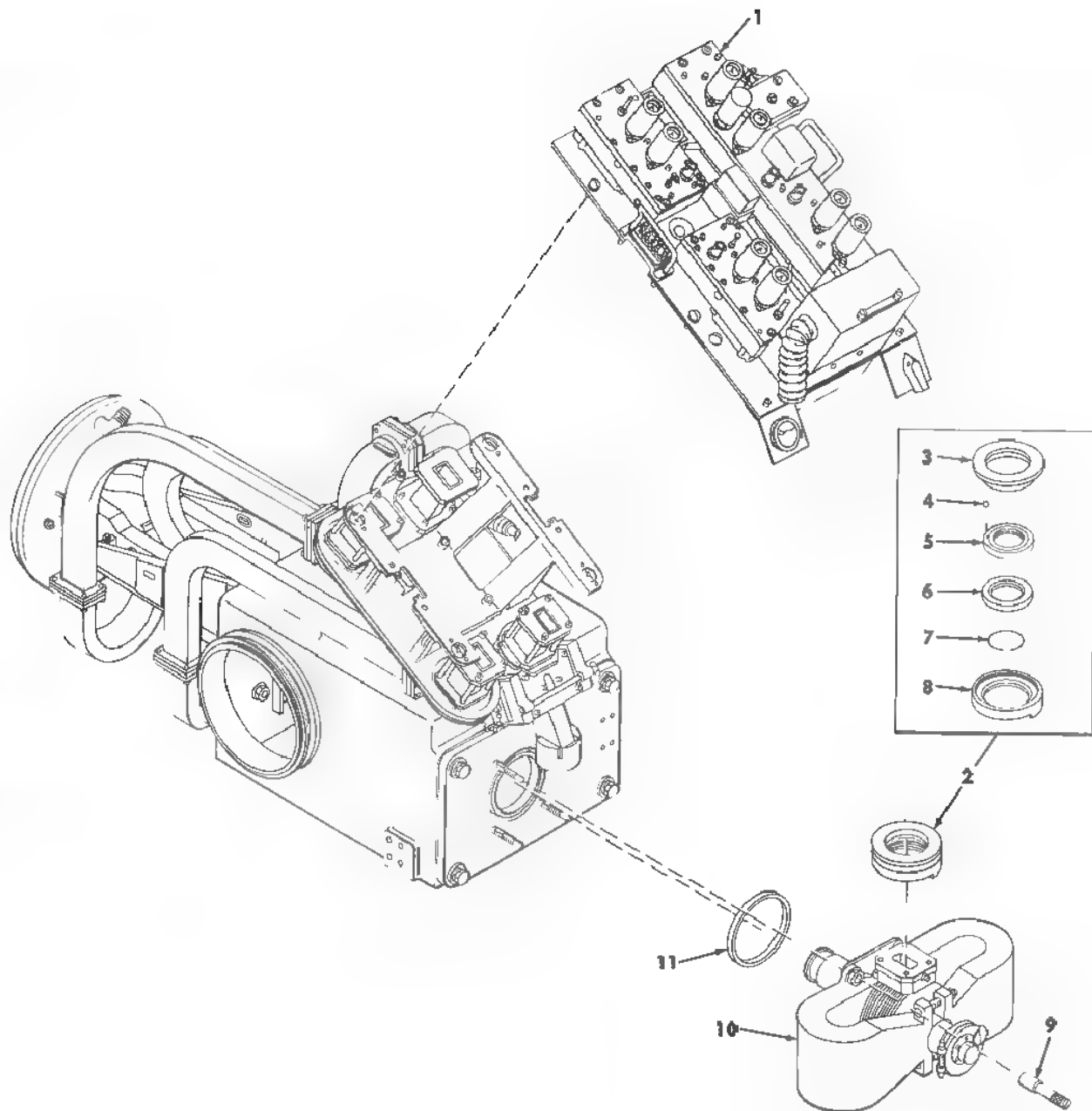


FIGURE 117. CONVERTER, WAVEFORM /9143120/ PARTIAL EXPLODED VIEW



MS 328612B

1	CONVERTER 9991896.....1	4	BALL MS19060-16.....93	8	COUPLER 8517846.....1
	SEE FIGURE 120 FOR DETAILS	5	RETAINER 8517844.....1	9	SLEEVE 9144020.....4
2	COUPLER 8518011.....1	6	PACKING 8518012.....1	10	ELECTRON TUBE 10667872.....1
3	BUSHING 8517845.....1	7	RING 8518582.....1	11	SHIELDING 8174134.....1

FIGURE 118. RECEIVER-TRANSMITTER-RADAR SUBASSEMBLY /8172416/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 74 FOR NEXT HIGHER ASSEMBLY/

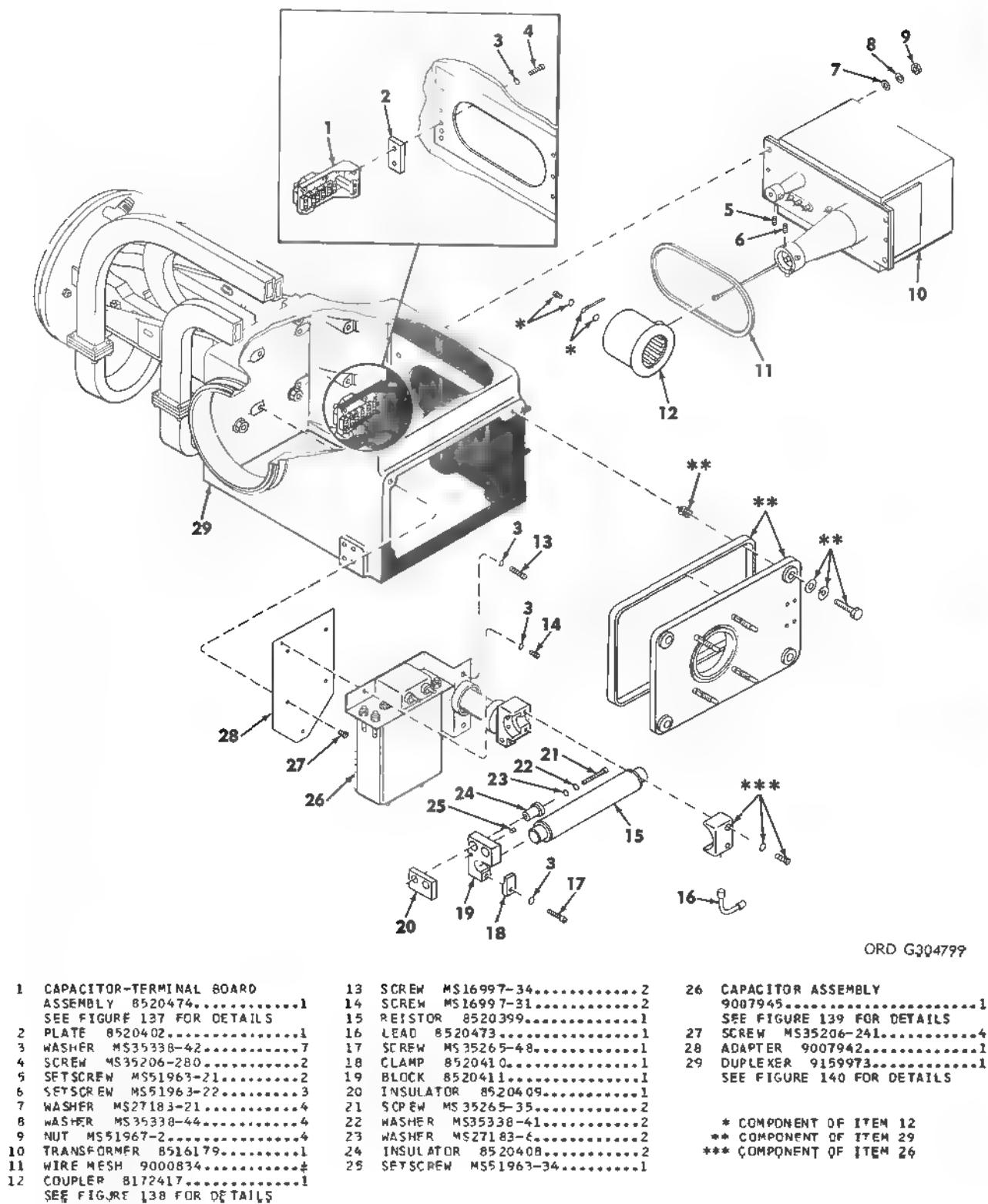
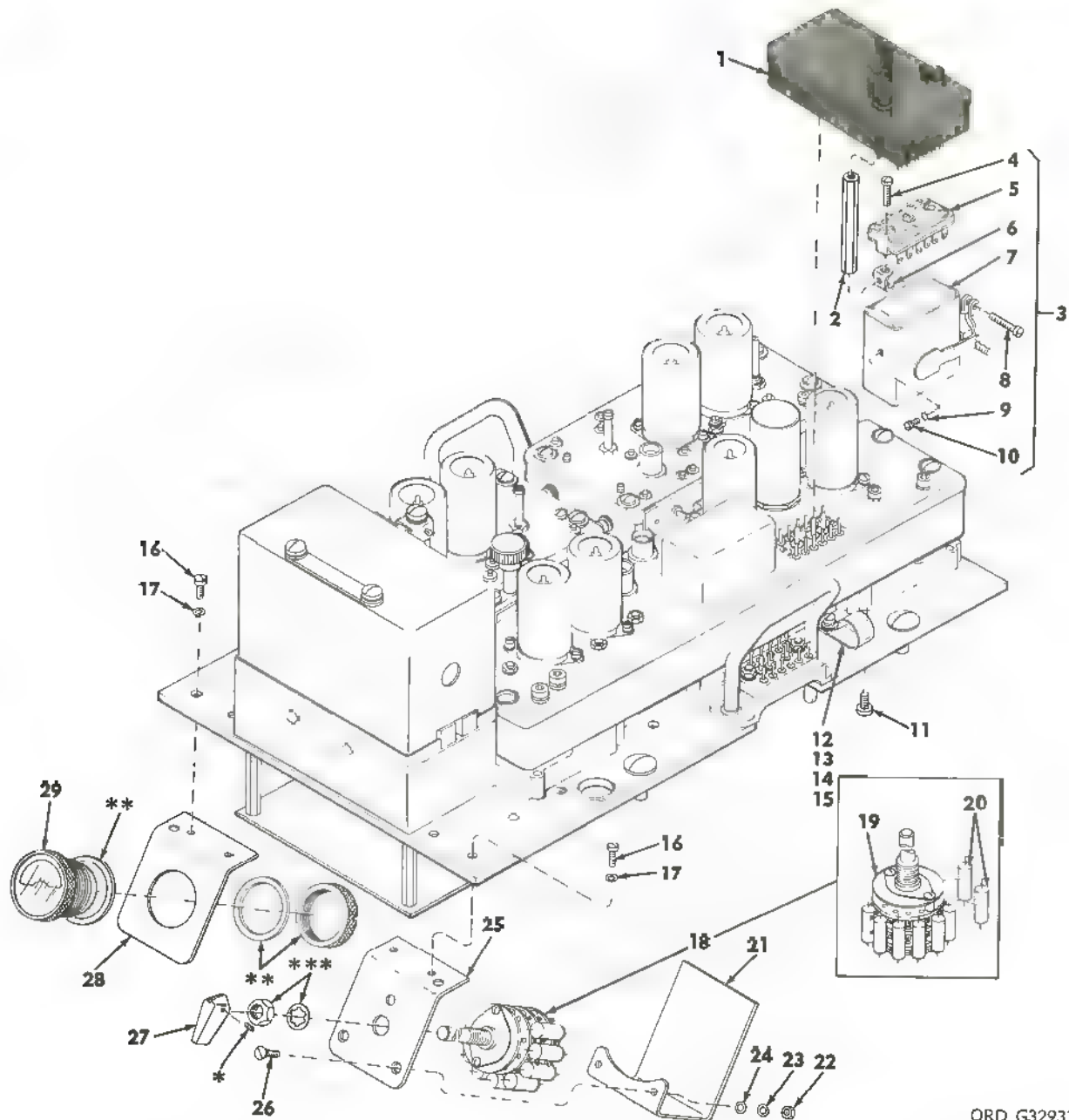


FIGURE 119. RECEIVER-TRANSMITTER-RADAR SUBASSEMBLY /8172416/-PARTIAL EXPLODED VIEW

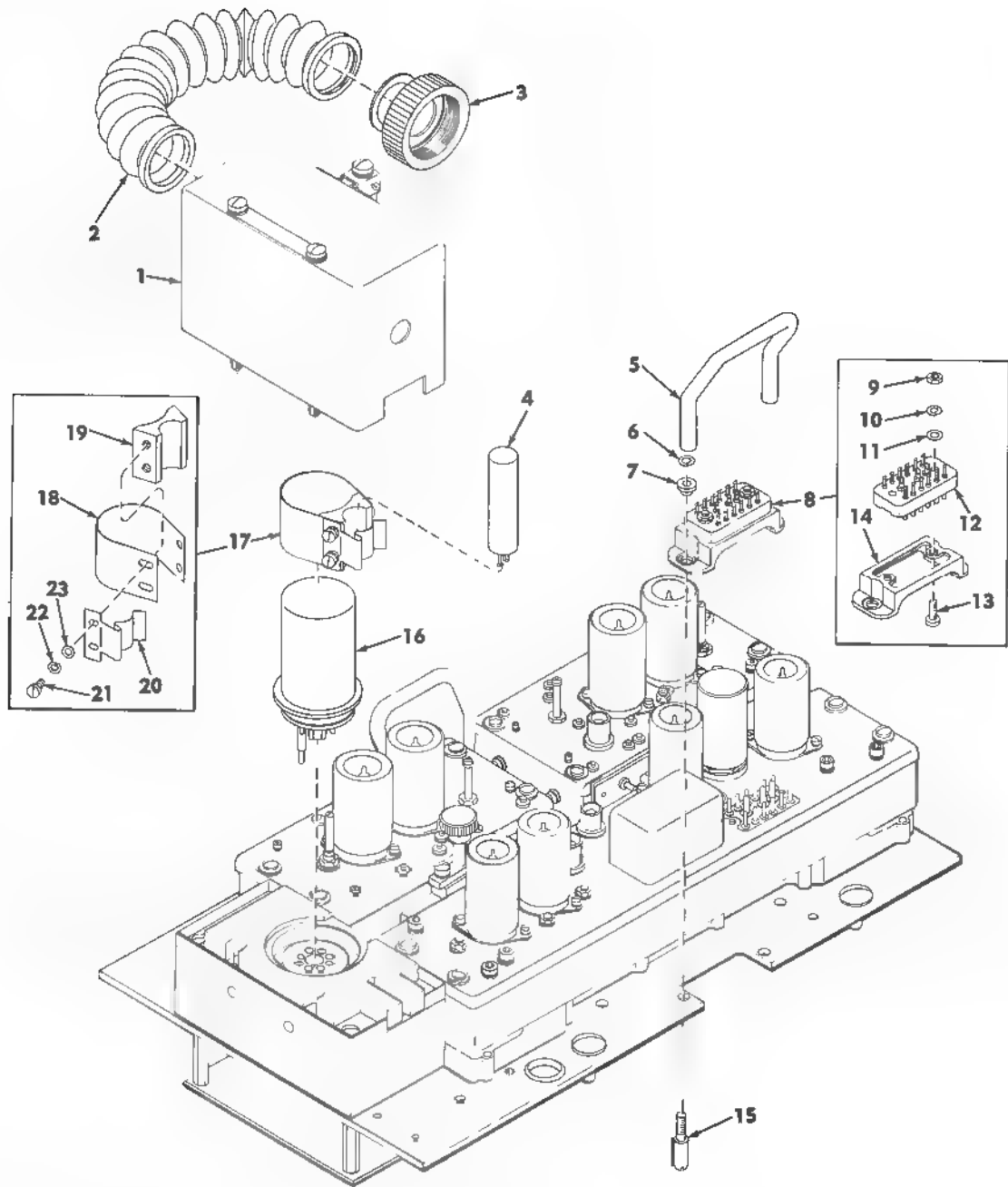


ORD G329334

- |    |                            |             |    |                   |             |             |         |                            |
|----|----------------------------|-------------|----|-------------------|-------------|-------------|---------|----------------------------|
| 1  | FILTER ASSEMBLY            | 9142953     | 12 | SCREW             | MS35206-228 | 23          | WASHER  | MS35338-40                 |
|    | SEE FIGURE 125 FOR DETAILS |             | 13 | WASHER            | MS35338-41  | 24          | WASHER  | MS27183-4                  |
| 2  | POST                       | 9142950     | 14 | WASHER            | MS27183-6   | 25          | BRACKET | 8513032                    |
| 3  | CONNECTOR                  | 7605564     | 15 | CLAMP             | NA51397K5M  | 26          | SCREW   | MS35190-223                |
| 4  | SCREW                      | 426881      | 16 | SCREW             | MS35206-243 | 27          | KNOB    | MS90120-2601               |
| 5  | CONNECTOR                  | 7599367     | 17 | WASHER            | MS35338-42  | 28          | BRACKET | 8513033                    |
| 6  | BRACKET                    | 9003726     | 18 | RESISTOR ASSEMBLY | 9513047     | 29          | AMMETER | 7599849                    |
| 7  | COVER                      | 9006727     |    |                   | 19 SWITCH   | 8513031     |         |                            |
| 8  | SCREW                      | MS35207-218 |    |                   | 20 RESISTOR | RCR20G100JS |         | * FURNISHED WITH ITEM 27   |
| 9  | WASHER                     | 231022      |    |                   | 21 COVER    | 8515117     |         | ** FURNISHED WITH ITEM 29  |
| 10 | SCREW                      | MS35214-11  |    |                   | 22 NJT      | MS35649-242 |         | *** FURNISHED WITH ITEM 18 |
| 11 | SCREW                      | MS35190-236 |    |                   |             |             |         |                            |

FIGURE 120. CONVERTER, FREQUENCY /9991896/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 118 FOR NEXT HIGHER ASSEMBLY/

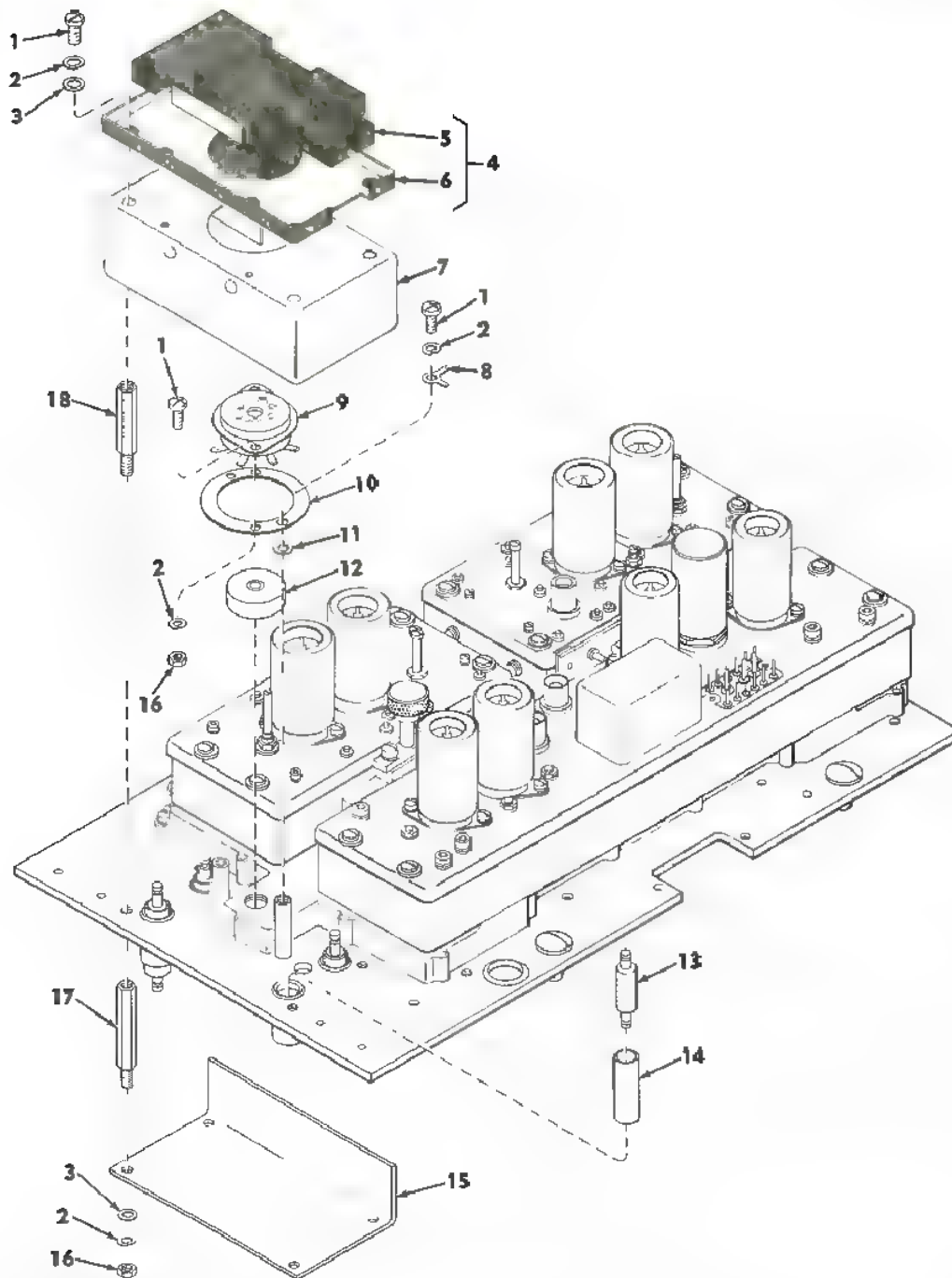




ORD G329335

1 COVER 8021224.....1	8 CONNECTOR 7598051.....2	16 ELECTRON TUBE 2K45.....1
2 SEE FIGURE 127 FOR DETAILS	9 NUT 221123.....2	17 CLAMP ASSEMBLY 9991893.....1
3 HOSE 8513050.....1	10 WASHER AN935-3.....2	18 CLAMP 9991890.....1
4 COUPLING 8021296.....1	11 WASHER 7601537.....2	19 BLOCK 9991892.....1
5 SWITCH 9144446-2.....1	12 CONNECTOR 7598934.....1	20 CLAMP 9991891.....1
6 HANDLE 8171976.....2	13 SCREW 9144074.....2	21 SCREW 9157788-23.....4
7 WASHER MS35338-42.....4	14 BRACKET 7598013.....1	22 WASHER MS35338-135.....4
8 SPACER 7598014.....4	15 PIN 9001906.....4	23 WASHER MS15795-803.....4

FIGURE 121. CONVERTER, FREQUENCY /9991896/ PARTIAL EXPLODED VIEW



ORD G329336

1	SCREW	M535206-228.....	8	9	SOCKET	59-103-200.....	1	15	PLATE	9155720.....	1
2	WASHER	MS35338-41.....	12	10	RETAINER	7600601.....	1	16	NUT	MS35649-262.....	6
3	WASHER	MS27183-5.....	8	11	WASHER	7600609.....	2	17	BUSHING	8012216.....	4
4	BASE	8021290.....	1	12	INSULATOR	8172616.....	1	18	BUSHING	8012217.....	4
	5 PLATE	8021280.....	1	13	CORE	7606564.....	4				
	6 BASE	8021285.....	1	14	INSULATION SLEEVING						
7	COVER	9005628.....	1		8034661-21.....	4					
8	TERMINAL	10034373.....	2								

FIGURE 122. CONVERTER, FREQUENCY /9991896/-PARTIAL EXPLODED VIEW

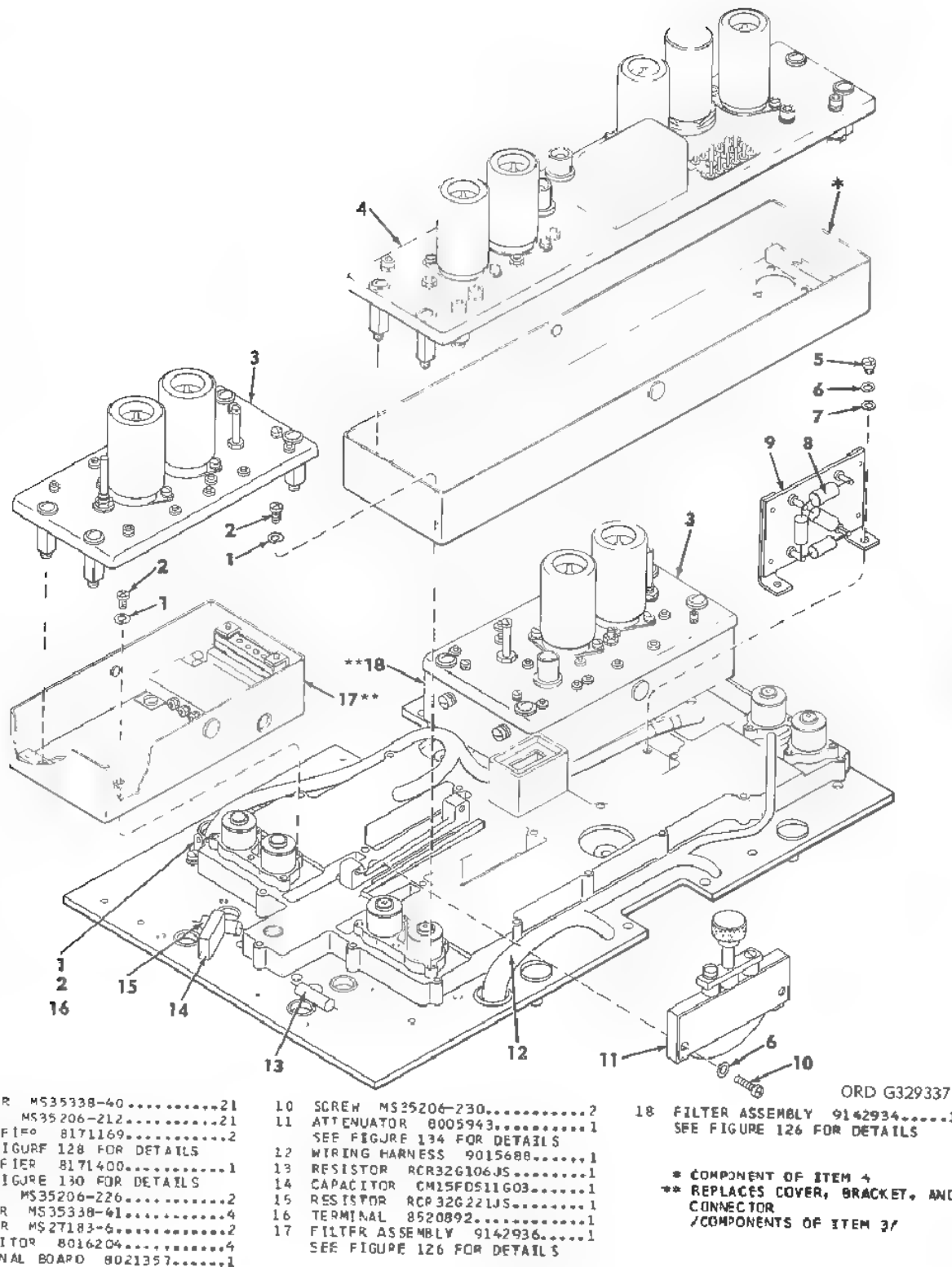
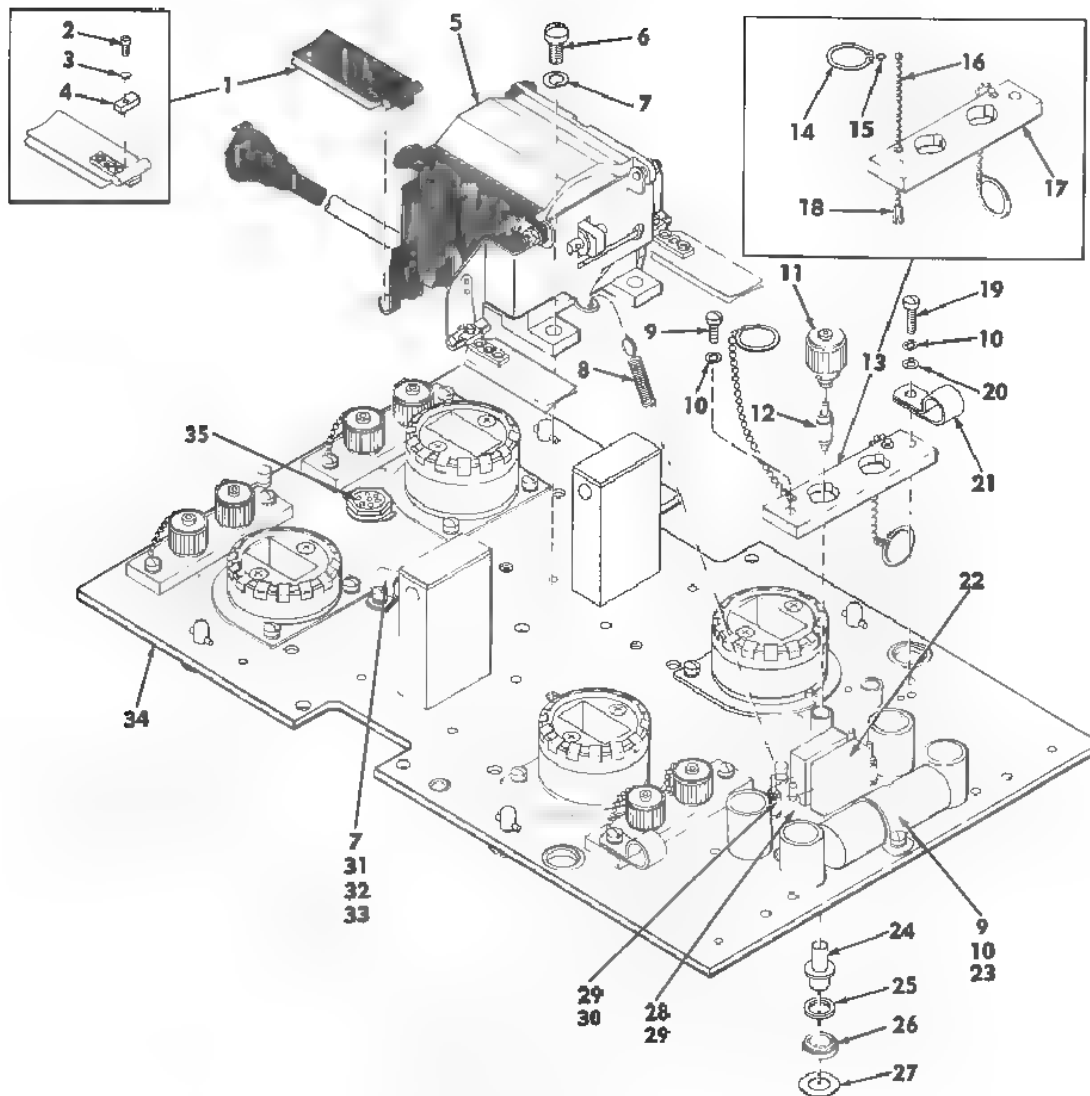


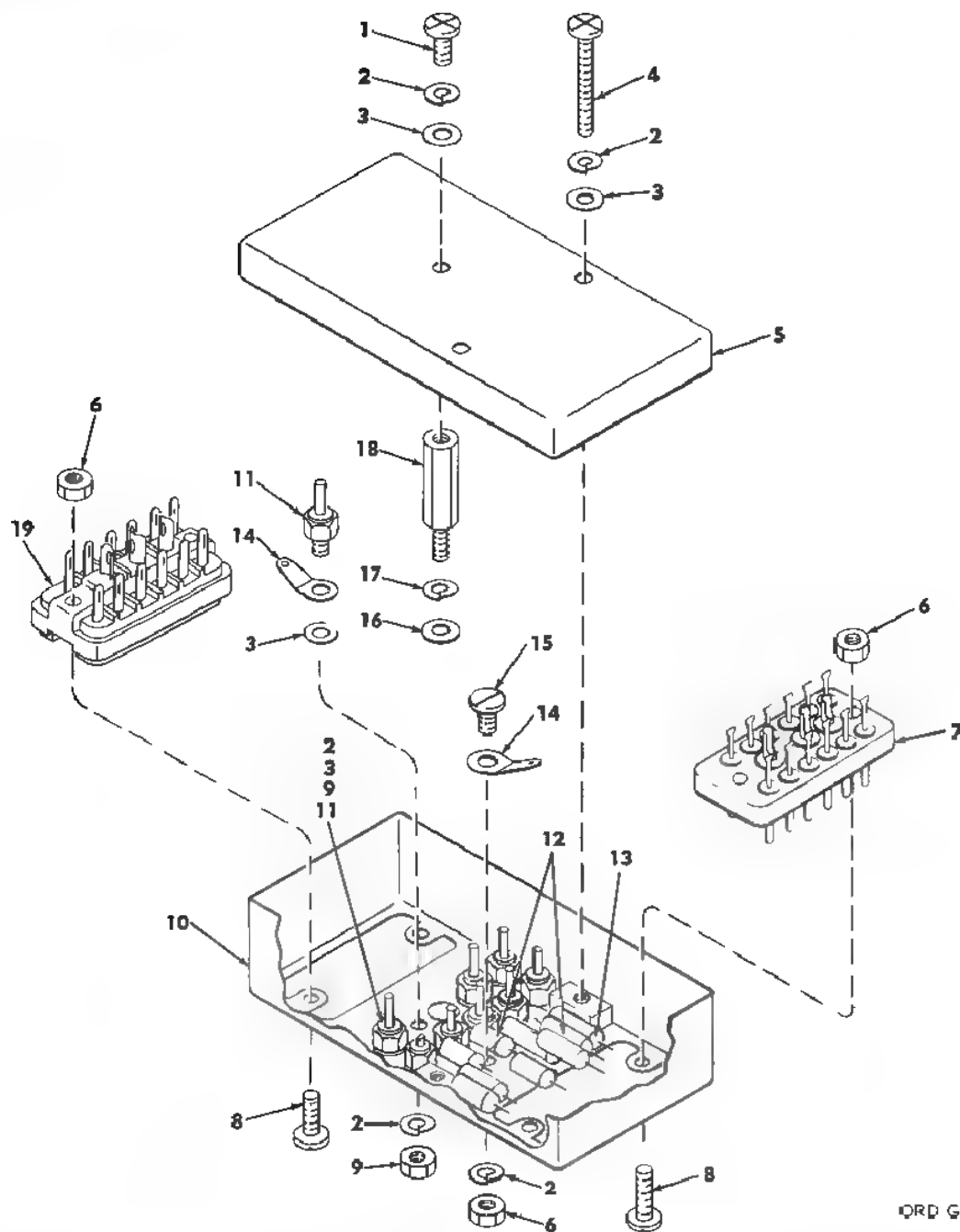
FIGURE 123. CONVERTER, FREQUENCY 9991896/-PARTIAL EXPLODED VIEW



ORD G329338

1 SHUTTER ASSEMBLY 8171093....4	12 SEMICONDUCTOR DEVICE	24 CONTACT 8009823.....8
2 SCREW MS35276-202.....1	9976002.....8	25 SHIM 8005952.....8
3 WASHER MS35338-39.....1	13 PLATE 8511404.....4	26 RING 8005951.....8
4 BLOCK 8172590.....1	14 RING MS16624-1050.....2	27 WASHER 8021090.....8
5 ELECTROMAGNETIC ACTUATOR	15 RING 8170647.....2	28 TERMINAL 7599264.....1
8515081.....1	16 CHAIN 9150244.....2	29 WASHER MS35338-40.....4
SEE FIGURE 135 FOR DETAILS	17 PLATE 8511405.....1	30 TERMINAL 7599087.....3
6 SCREW MS35206-243.....4	18 SLFEEV 9150245.....2	31 SCREW MS35206-241.....1
7 WASHER MS35338-42.....5	19 SCREW MS35206-230.....2	32 WASHER MS27183-7.....1
8 SPRING 9017634.....2	20 WASHER MS27183-6.....2	33 CLAMP NAS1397K6N.....1
9 SCREW MS35206-228.....7	21 CLAMP NAS1397K6N.....2	34 PLATE 9015692.....1
10 WASHER MS35338-41.....9	22 CAPACITOR CP09A1KF103K3.....2	SEE FIGURE 136 FOR DETAILS
11 HOLDER 8005942.....9	23 CAPACITOR CP10A1KF474K3.....1	35 CONNECTOR C7-20SVRNGD.....1

FIGURE 124. CONVERTER, FREQUENCY /9991996/-PARTIAL EXPLODED VIEW



ORD G329339

1	SCREW MS35206-214.....1	8	SCREW MS35206-217.....4	15	SCREW MS35206-213.....1
2	WASHER MS35338-40.....2	9	NUT 221123.....9	16	WASHER MS27183-5.....1
3	WASHER MS27183-4.....12	10	CHASSIS 9142952.....1	17	WASHER MS35338-41.....1
4	SCREW MS35206-221.....2	11	CAPACITOR 9144275.....9	18	POST 9143072.....1
5	COVER 9142951.....1	12	COIL 8518442.....2	19	CONNECTOR 7599367.....1
6	NUT MS35649-242.....5	13	COIL 8199277.....7		
7	CONNECTOR 7599364.....1	14	TERMINAL 7612710.....2		

FIGURE 125. FILTER ASSEMBLY /9142953/-EXPLODED VIEW  
/SEE FIGURE 120 FOR NEXT HIGHER ASSEMBLY/

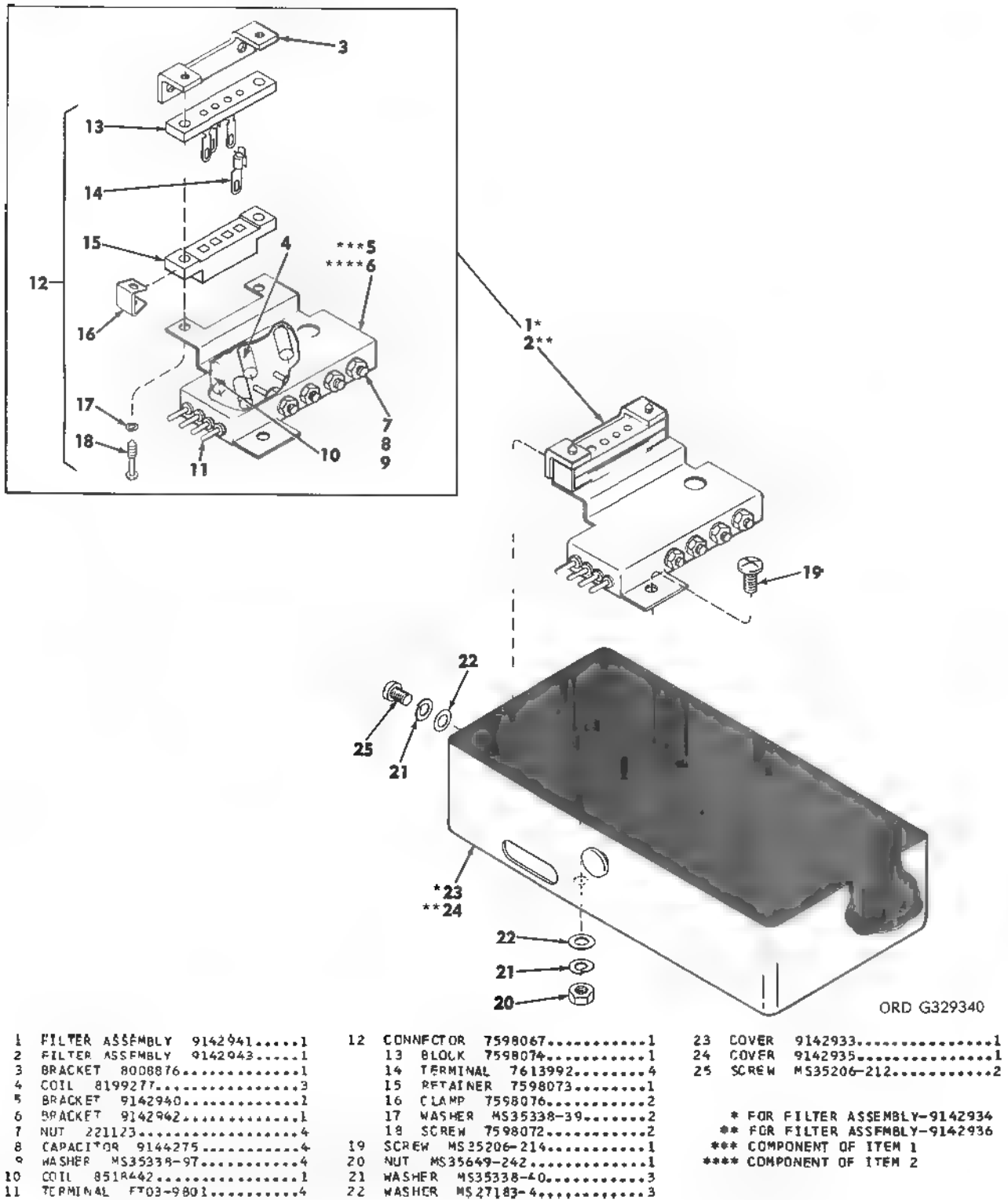
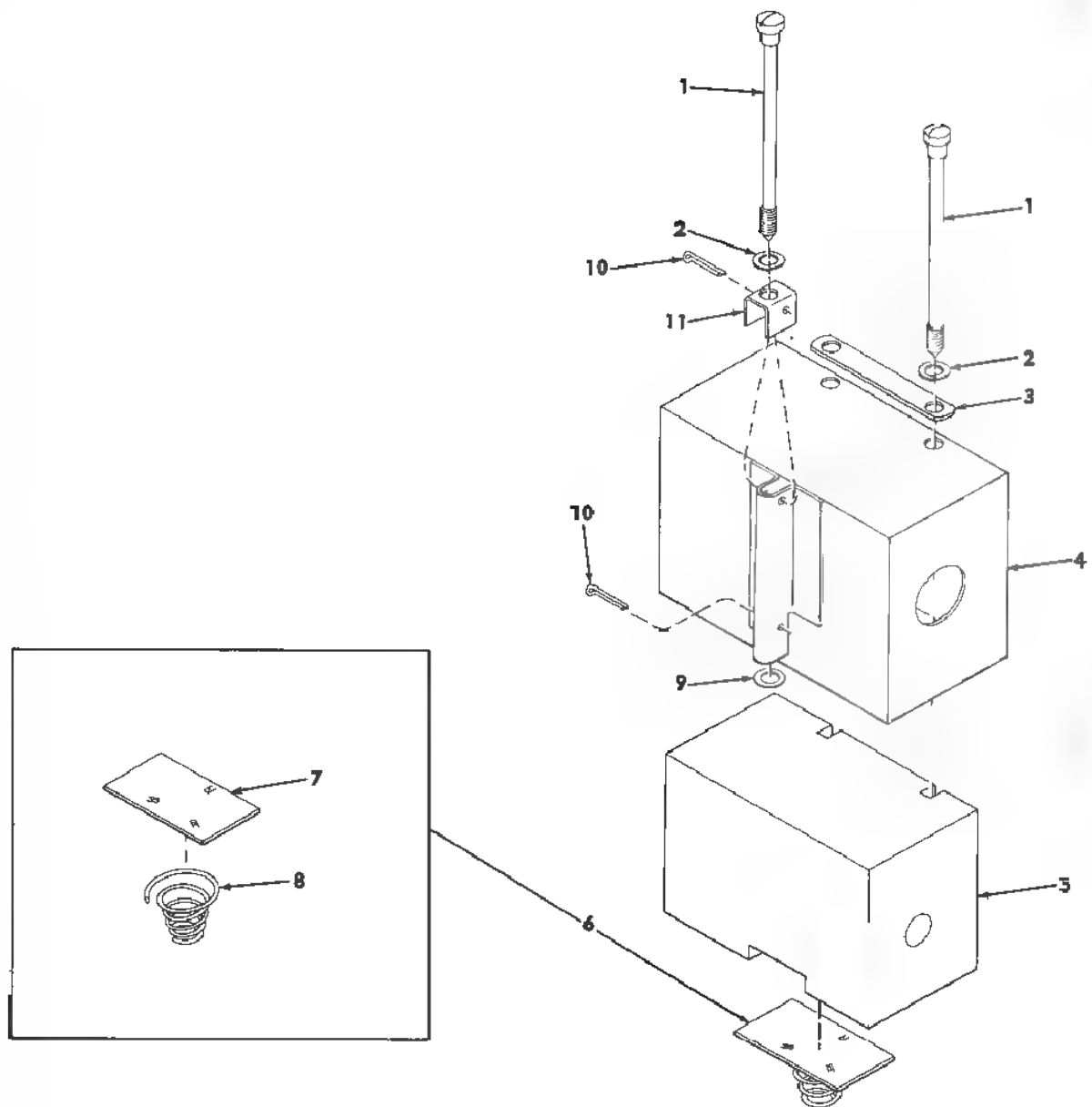


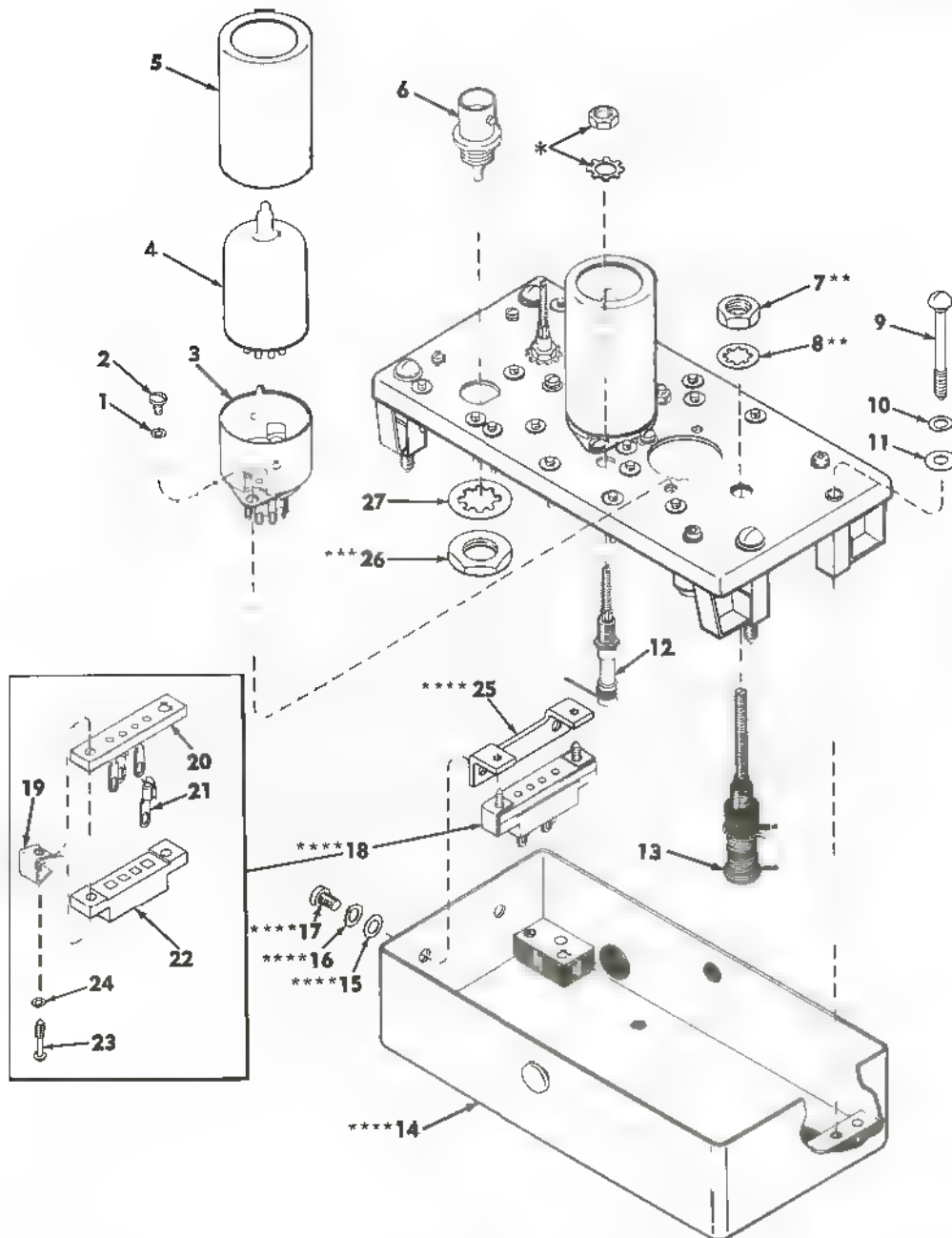
FIGURE 126. FILTER ASSEMBLY /9142934 AND 9142936/-EXPLODED VIEW  
 /SEE FIGURE 123 FOR NEXT HIGHER ASSEMBLY/



QRD G256698

1	SCREW	8021287.....	3
2	WASHER	MS35330-43.....	3
3	BRACKET	8021288.....	1
4	COVER	8021286.....	1
5	INSULATOR	8021284.....	1
6	RETAINER	8016892.....	1
7	HOLDER	8016890.....	1
8	SPRING	8016891.....	1
9	GASKET	8176457.....	1
10	PIN	MS24665-153.....	2
11	BRACKET	8021292.....	1

FIGURE 127. COVER, AMPLIFIER /8021224/-EXPLODED VIEW  
/SEE FIGURE 121 FOR NEXT HIGHER ASSEMBLY/



ORD G334089

1 WASHER AN935-3.....4  
2 SCREW 583900.....4  
3 SOCKET 10300889.....2  
4 ELECTRON TUBE 5842.....2  
5 SHIELD M24251-6-4.....2  
6 CONNECTOR M39012-21-0001....1  
7 NUT 118555.....1  
8 WASHER 7612883.....1  
9 SCREW 8008869.....4  
10 WASHER MS35338-41.....4  
11 WASHER MS27183-6.....4  
12 CAPACITOR 8515967.....2

13 COIL 7605842.....1  
14 COVER 8008871.....1  
15 WASHER MS27183-4.....2  
16 WASHER MS35338-40.....2  
17 SCREW MS35265-12.....2  
18 CONNECTOR 7598067.....1  
19 CLAMP 7598076.....2  
20 BLOCK 7598074.....1  
21 TERMINAL 7613992.....4  
22 RETAINER 7598073.....1  
23 SCREW 7598072.....2  
24 WASHER MS35338-39.....2

25 BRACKET 8008876.....1  
26 NUT MS35125-2.....1  
27 WASHER MS35333-110.....1

\* FURNISHED WITH ITEM 12  
\*\* FURNISHED WITH ITEM 13  
\*\*\* FURNISHED WITH ITEM 6  
\*\*\*\* NOT USED WITH CONVERTER-  
9991896

FIGURE 128. AMPLIFIER, INTERMEDIATE FREQUENCY AM-1108/M /8171169/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 123 FOR NEXT HIGHER ASSEMBLY/



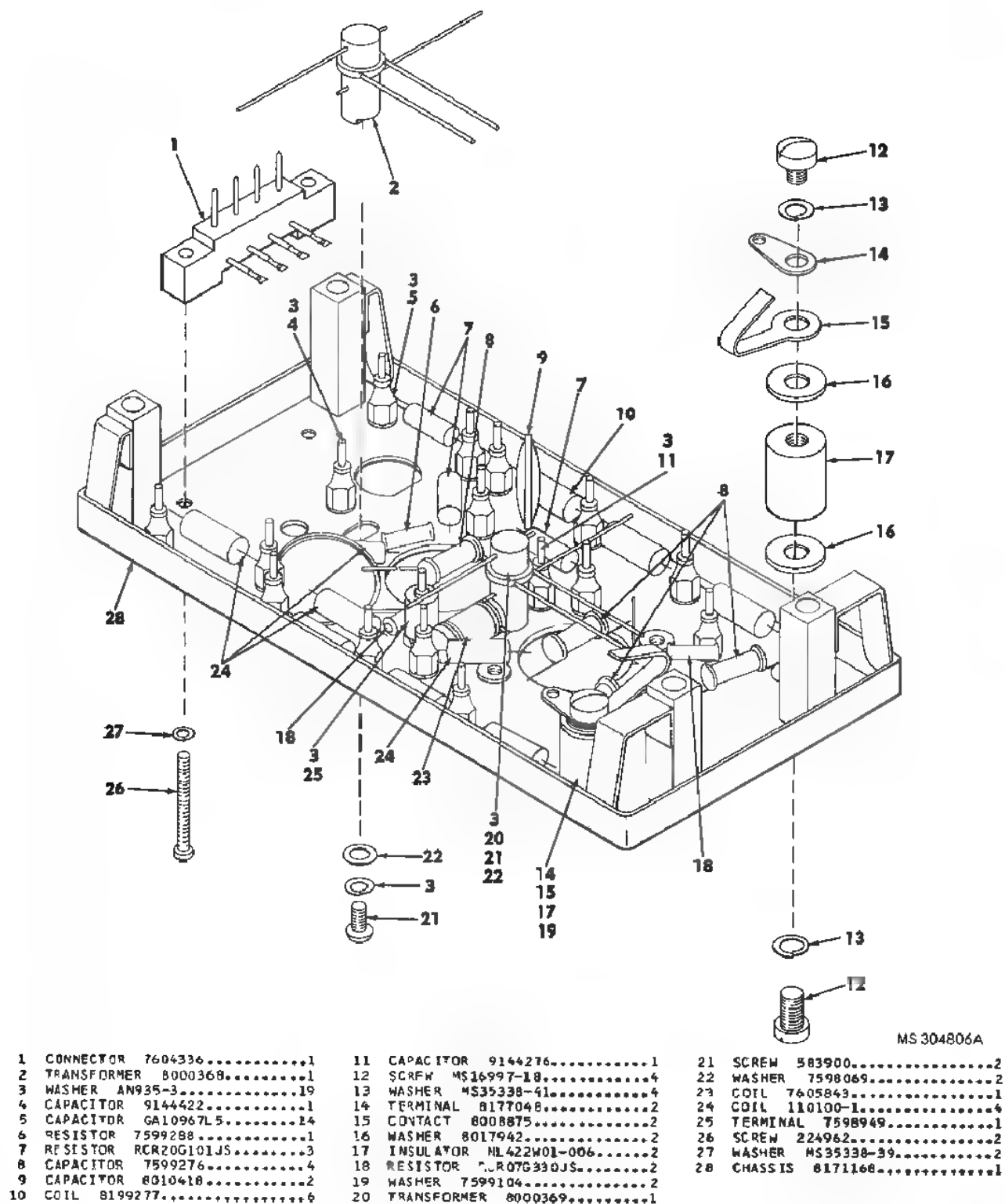
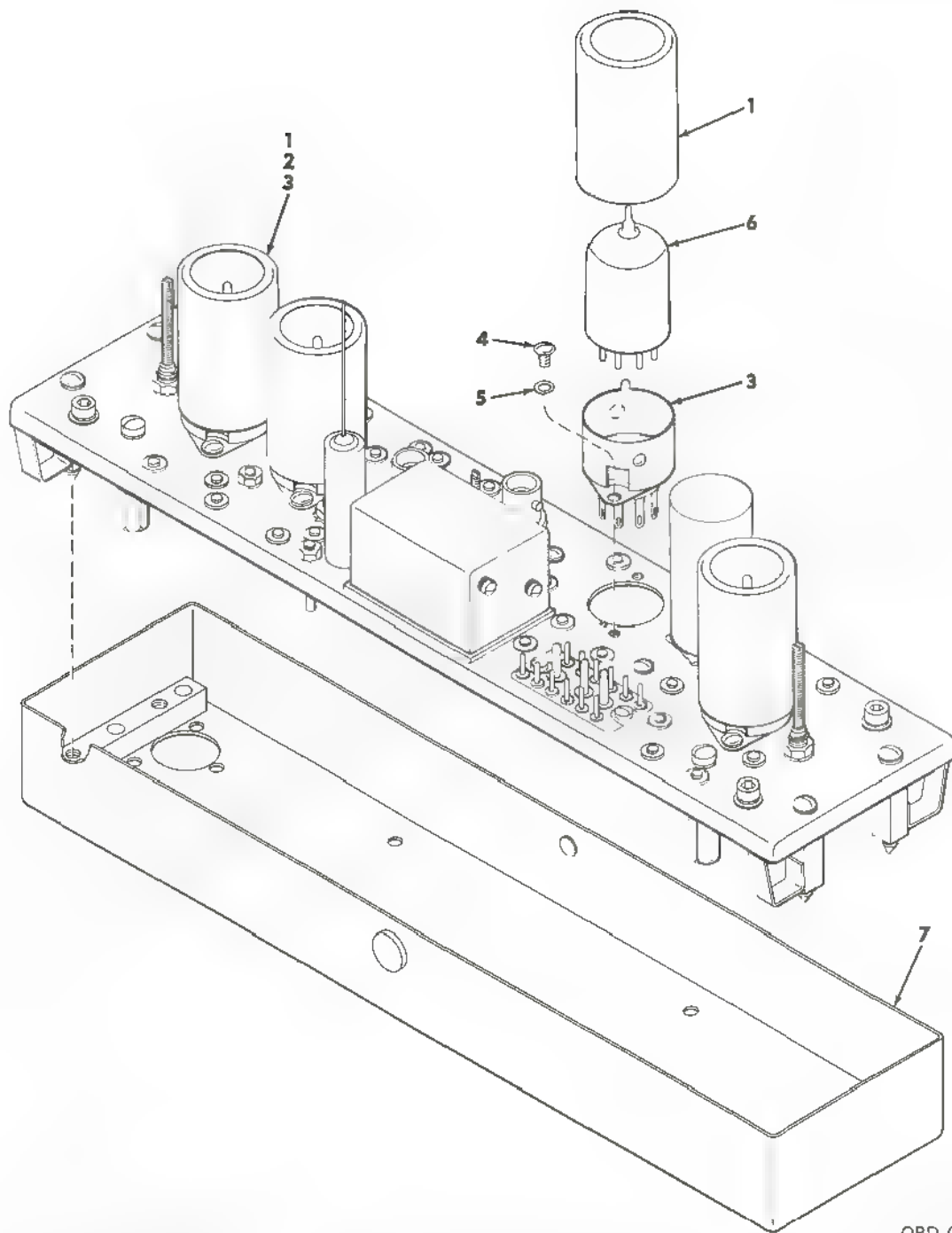


FIGURE 129. AMPLIFIER, INTERMEDIATE FREQUENCY AM-1108/M /8171169/-PARTIAL EXPLODED VIEW



ORD G328905

- |   |                            |   |
|---|----------------------------|---|
| 1 | SHIELD M24251-6-4.....     | 4 |
| 2 | ELECTRON TUBE 5842.....    | 3 |
| 3 | SOCKET 10300889.....       | 4 |
| 4 | SCREW 583900.....          | 8 |
| 5 | WASHER AN935-3.....        | 8 |
| 6 | ELECTRON TUBE 8030972..... | 1 |
| 7 | COVER 8017460.....         | 1 |

FIGURE 130. AMPLIFIER, INTERMEDIATE FREQUENCY AM-1106/M /8171400/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 123 FOR NEXT HIGHER ASSEMBLY/

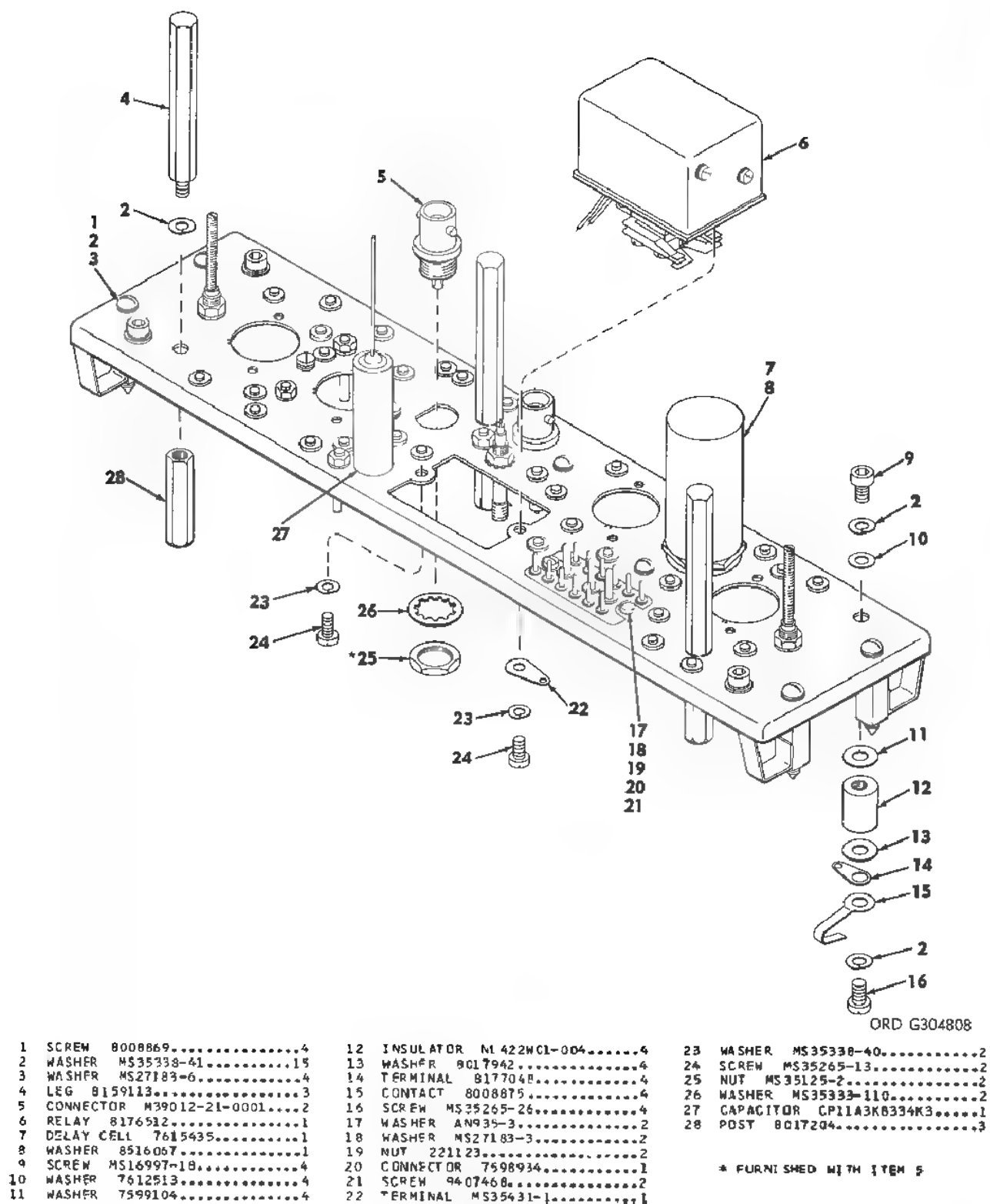
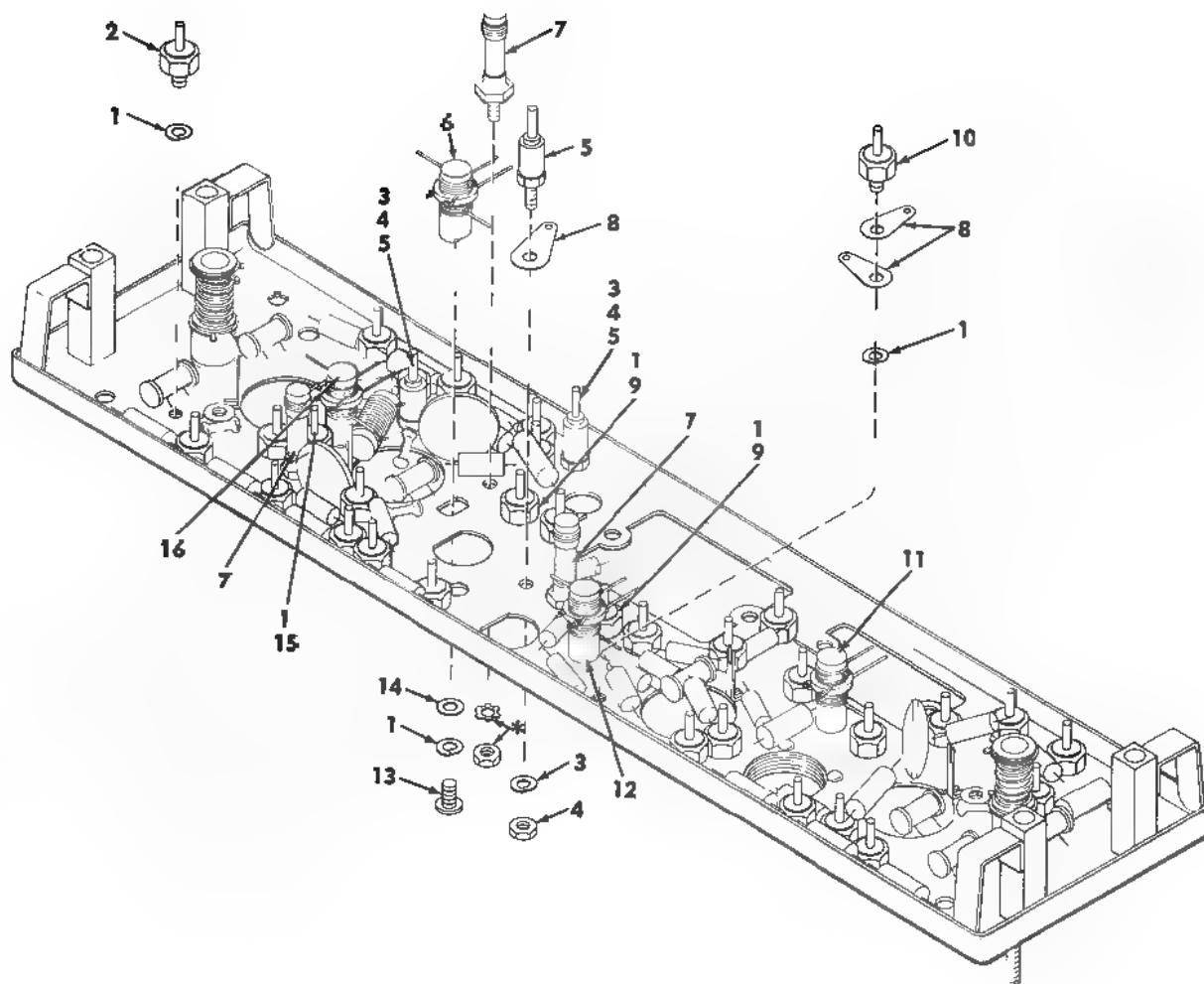


FIGURE 131. AMPLIFIER, INTERMEDIATE FREQUENCY AM-1106/M /8171400/-PARTIAL EXPLODED VIEW

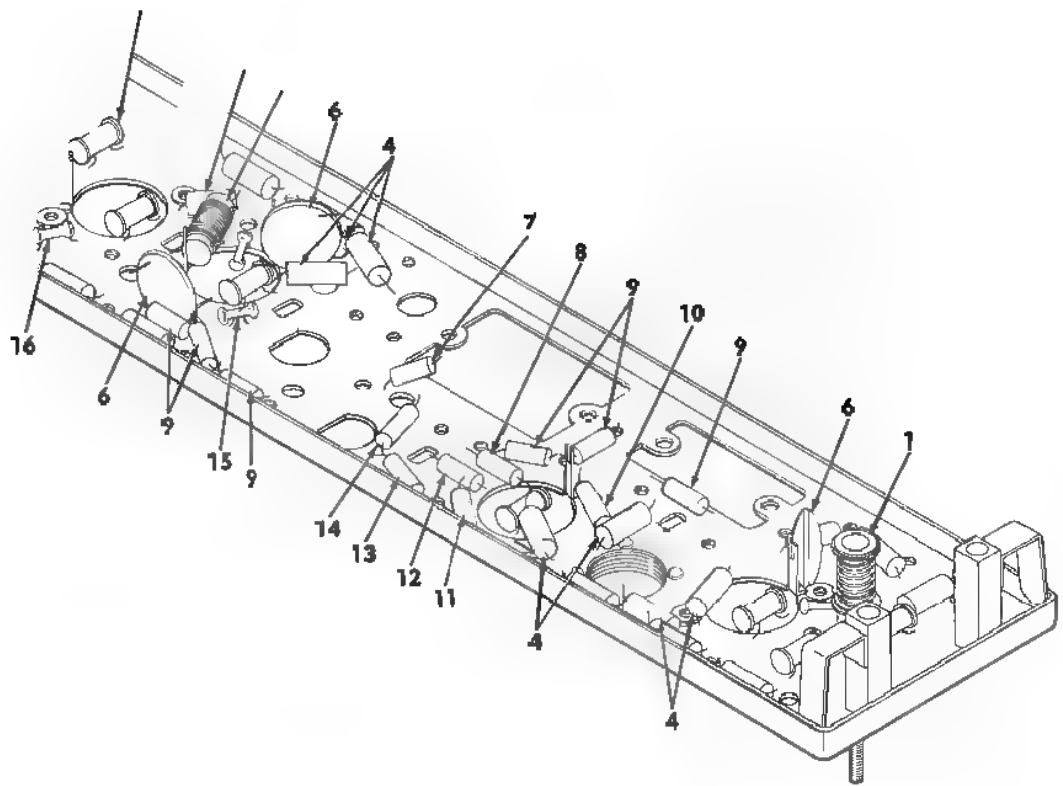


ORD G304809

1 WASHER AN935-3.....33	8 TERMINAL MS35431-1.....3	15 CAPACITOR 9144276.....1
2 CAPACITOR GA10967L5.....28	9 CAPACITOR 9144422.....2	16 TRANSFORMER 8000369.....1
3 WASHER MS35338-40.....3	10 CAPACITOR 9144275.....1	
4 NUT MS35649-242.....3	11 TRANSFORMER 8016871.....1	
5 TERMINAL 7598949.....3	12 TRANSFORMER 8016872.....1	
6 TRANSFORMER 8000368.....1	13 SCREW 583900.....4	
7 CAPACITOR 8515967.....3	14 WASHER 7601537.....4	

\* FURNISHED WITH ITEM 7

FIGURE 132. AMPLIFIER, INTERMEDIATE FREQUENCY AM-1106/M /8171400/-PARTIAL EXPLODED VIEW

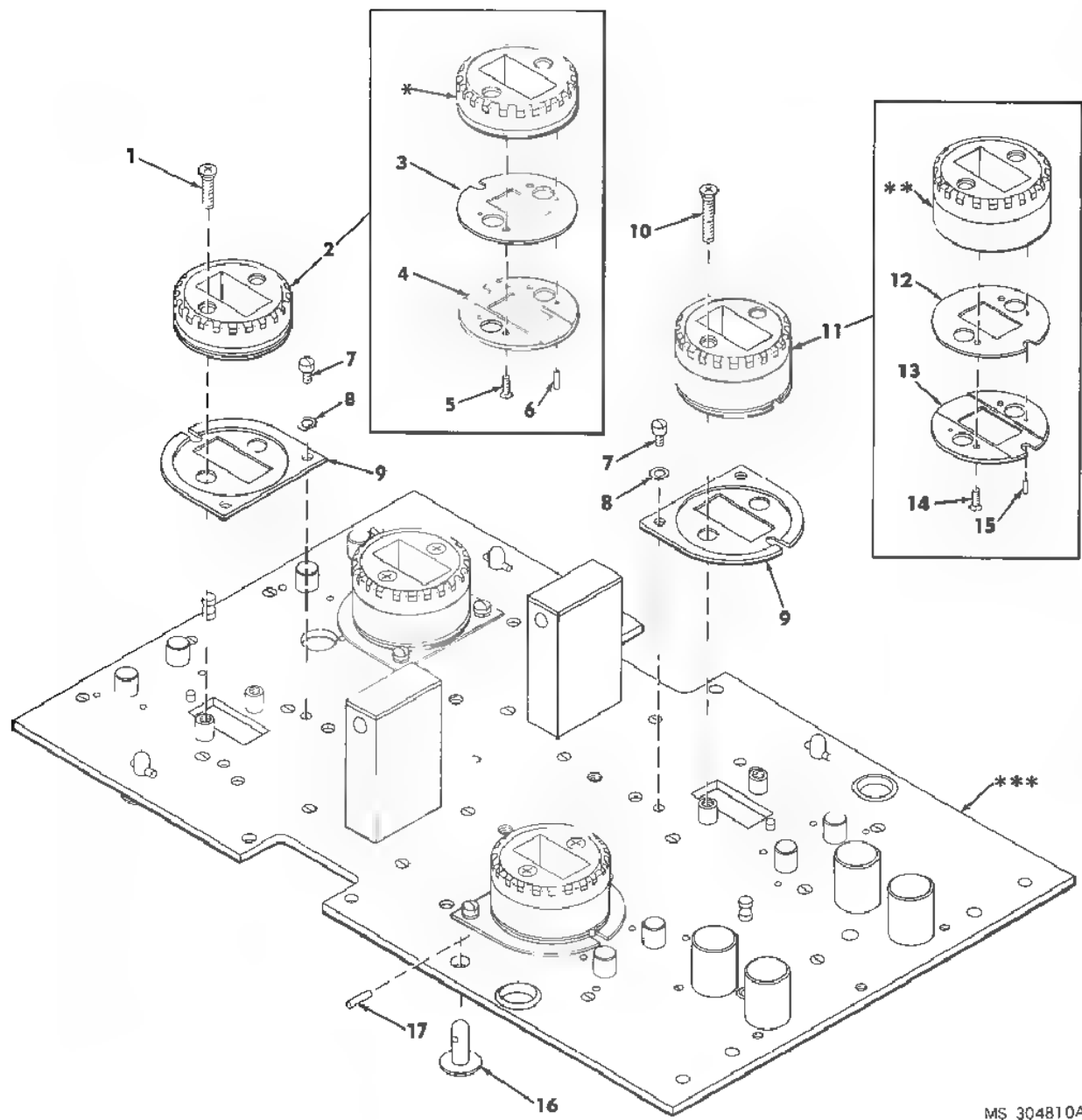


ORD G284530

1	COIL	7605842.....	2	7	RESISTOR	RCR20G510JS.....	1	13	RESISTOR	RCR20G300JS.....	1
2	CAPACITOR	7599276.....	8	8	RESISTOR	RCR20G100JS.....	1	14	RESISTOR	8516072.....	1
3	COIL	8199277.....	12	9	RESISTOR	RCR20G101JS.....	6	15	RESISTOR	7599288.....	1
4	COIL	110100-1.....	8	10	RESISTOR	RCR20G391JS.....	1	16	RESISTOR	RCR07G330JS.....	3
5	COIL	7605843.....	1	11	RESISTOR	RCR20G750JS.....	1	17	CHASSIS	8017458.....	1
6	CAPACITOR	8010418.....	3	12	RESISTOR	RCR20G202JS.....	1				

FIGURE 133. AMPLIFIER, INTERMEDIATE FREQUENCY AM-1106/M /8171400/-PARTIAL EXPLODED VIEW



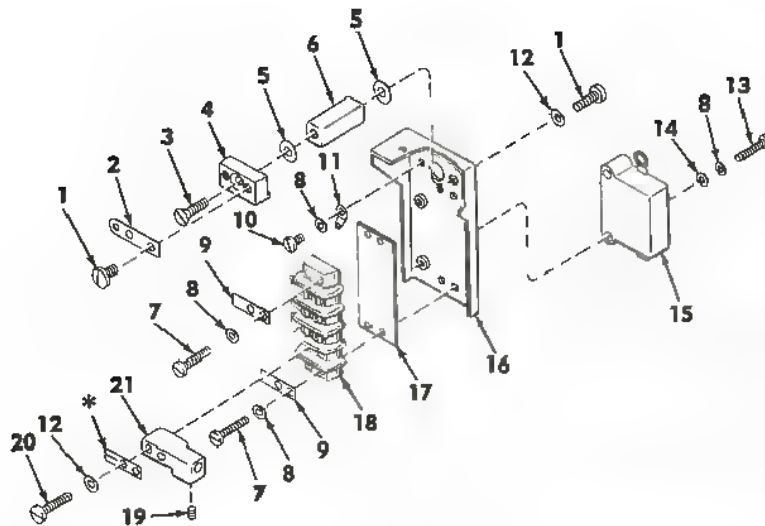


MS 304810A

1 SCREW 8515058.....2	9 PLATE 8515060.....4	17 PIN 7598936.....4
2 FLANGE AND CHOKF 8515067.....1	10 SCREW 8515057.....6	
3 WINDOW 8515062.....1	11 FLANGE 8515066.....3	
4 WINDOW 8515061.....1	12 WINDOW 8515062.....1	
5 SCREW MS35249-9.....2	13 WINDOW 8515061.....1	
6 PIN 141050.....2	14 SCREW MS35249-9.....2	
7 SCRFW MS35206-212.....8	15 PIN 141050.....2	
8 WASHER MS35338-40.....8	16 STD 7598948.....4	

\* COMPONENT OF ITEM 2  
 \*\* COMPONENT OF ITEM 11  
 \*\*\* COMPONENT OF PLATE-9015692

FIGURE 136. PLATE /9015692/-EXPLODED VIEW  
 /SEE FIGURE 124 FOR NEXT HIGHER ASSEMBLY/

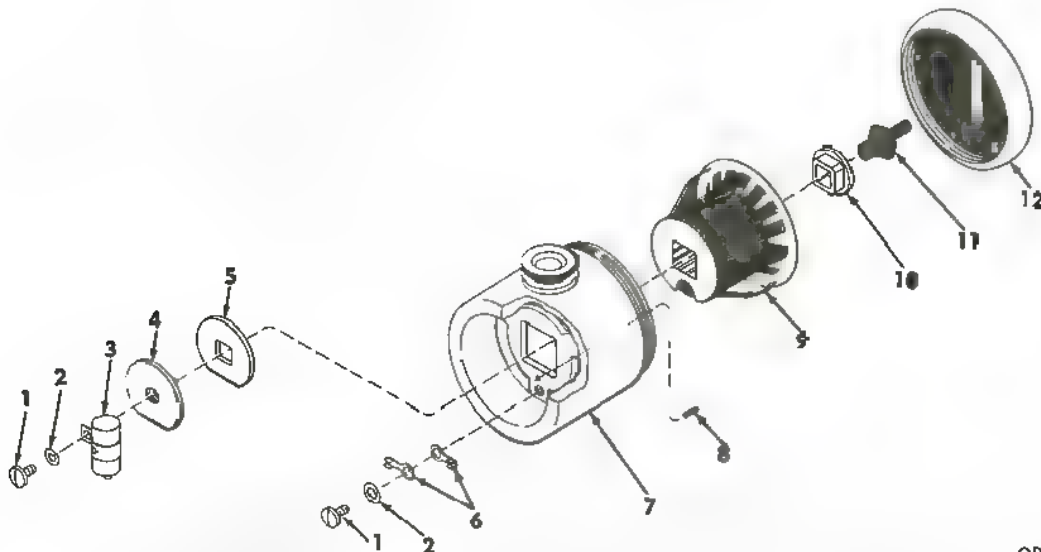


MS 304811A

1	SCREW MS35206-227.....3	9	PLATE 8012436.....2	17	INSULATOR 8012430.....1
2	CONTACT 8520403.....1	10	SCREW MS35265-13.....1	18	TERMINAL BOARD 9017084.....1
3	SCREW MS35198-27.....1	11	TERMINAL 8516062.....1	19	SETSCREW MS51963-21.....1
4	CONTACT 8520109.....1	12	WASHER MS35338-41.....3	20	SCREW MS35206-232.....2
5	GASKET 8023679.....2	13	SCREW MS35206-218.....2	21	BUS BAR 9142787.....1
6	INSULATOR 8177001.....1	14	WASHER MS27183-4.....2		
7	SCREW MS35206-217.....4	15	CAPACITOR CM50B G103G03.....1		
8	WASHER MS35338-40.....7	16	BRACKET 8520405.....1		

\* FURNISHED WITH ITEM 18

FIGURE 137. CAPACITOR-TERMINAL BOARD ASSEMBLY /8520474/-EXPLODED VIEW  
/SEE FIGURE 119 FOR NEXT HIGHER ASSEMBLY/

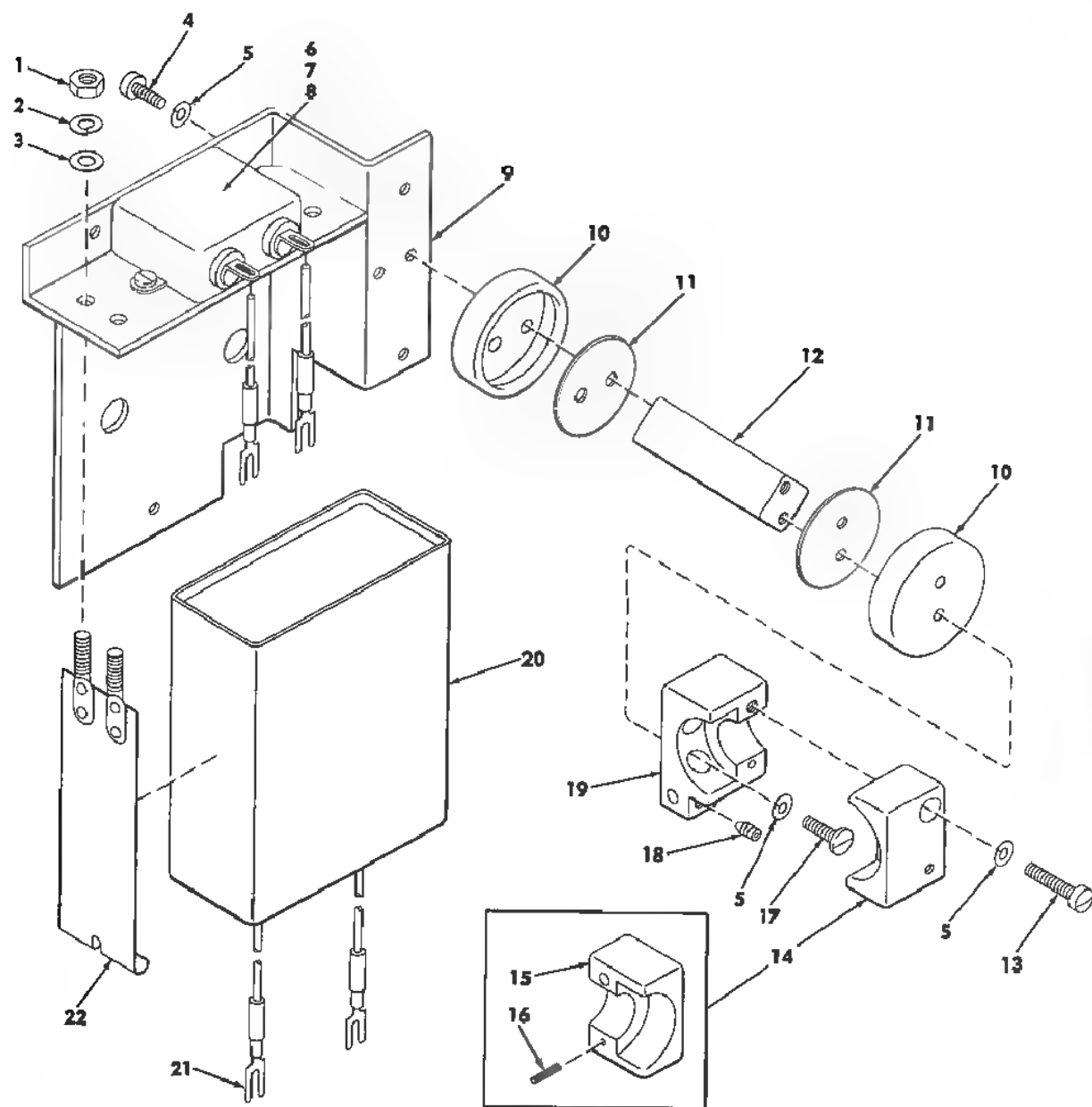


ORD G304812

1	SCREW MS35206-226.....2	5	INSULATOR 9000255.....1	9	CONTACT 8172420.....1
2	WASHER MS35338-41.....2	6	TERMINAL MS35430-4.....2	10	INSULATOR 9000257.....1
3	CAPACITOR CP12A3KG103K3.....1	7	CONTACT 8172418.....1	11	CONTACT 9000256.....1
4	CONTACT 8174109.....1	8	PIN MS16562-190.....1	12	RING 8172422.....1

FIGURE 138. COUPLER, ELECTRON TUBE /8172417/-EXPLODED VIEW  
/SEE FIGURE 119 FOR NEXT HIGHER ASSEMBLY/

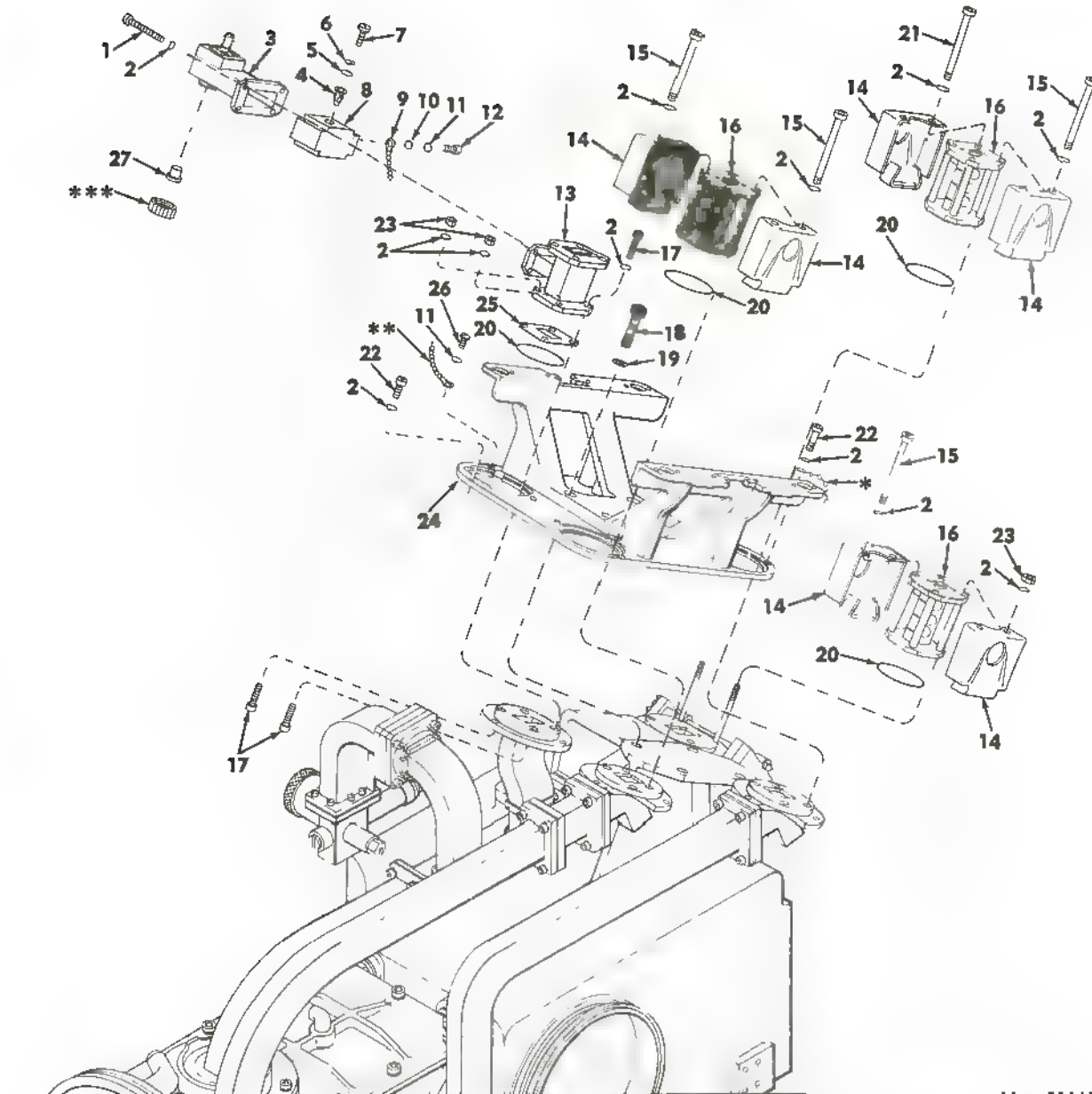




ORD G304813

1	NUT	MS35650-302.....	4	9	BRACKET	5007944.....	1	17	SCREW	MS35206-246.....	2
2	WASHER	MS35338-43.....	4	10	SHIELD	8520397.....	2	18	SET SCREW	MS51963-34.....	1
3	WASHER	MS27183-8.....	4	11	INSULATOR	8520401.....	2	19	BLOCK	8520470.....	1
4	SCREW	MS35265-45.....	2	12	INSULATOR	NL522414-020.....	1	20	CAPACITOR	CPT081FG106K1.....	1
5	WASHER	MS35338-42.....	5	13	SCREW	MS35265-48.....	1	21	TERMINAL	9000935.....	4
6	SCREW	MS35206-226.....	2	14	CLAMP	8520469.....	1	22	RETAINER	CP072505.....	2
7	WASHER	MS35338-41.....	2	15	CLAMP	8520465-2.....	1				
8	CAPACITOR	CP53B1EG504K1.....	1	16	PIN	MS16562-213.....	1				

FIGURE 139. CAPACITOR ASSEMBLY /9007945/-EXPLODED VIEW  
/SEE FIGURE 119 FOR NEXT HIGHER ASSEMBLY/

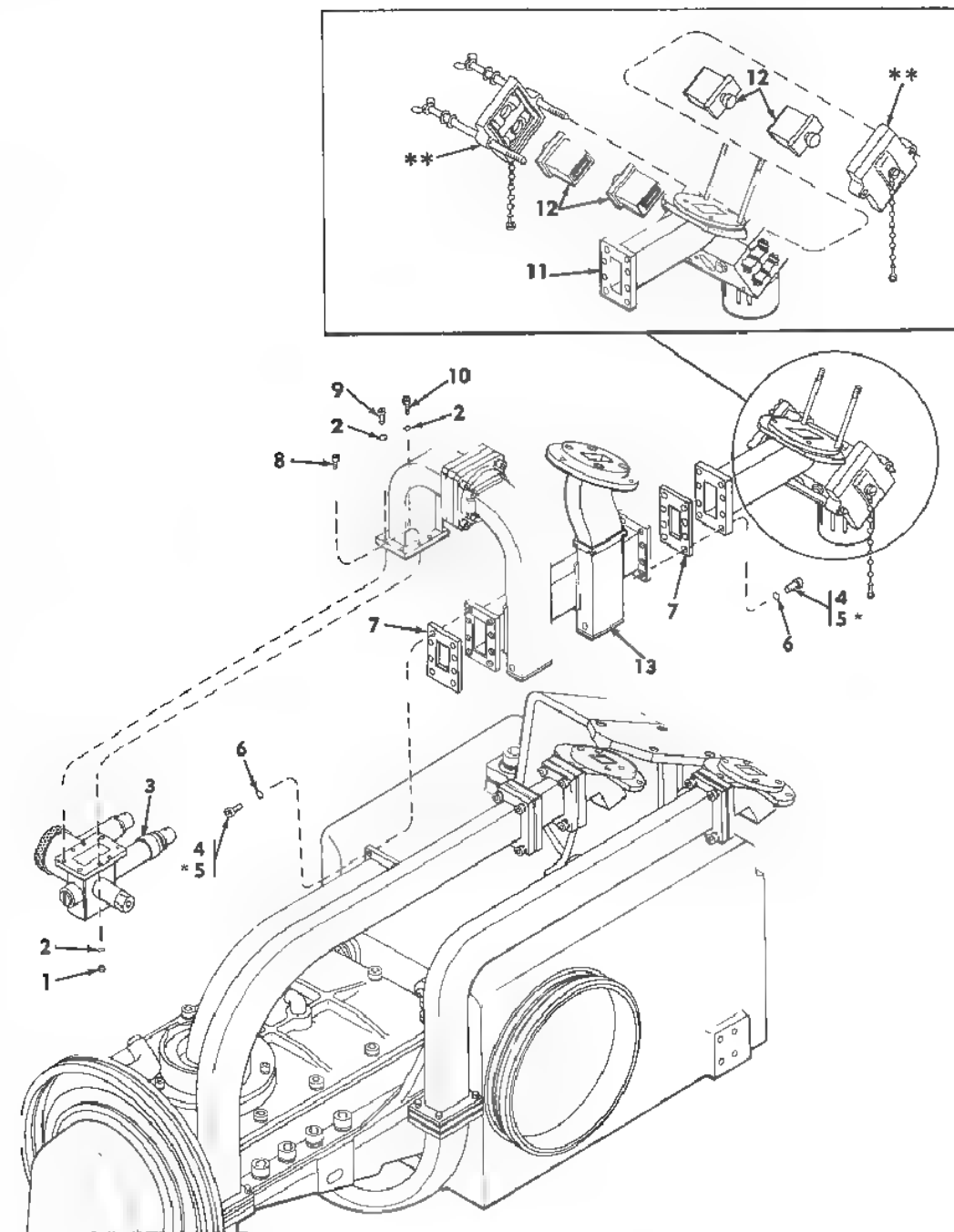


ORD G306995

1	SCREW 9157788-62.....4	14	CLAMP 8515132.....6	25	SEAL 8518028.....1
2	WASHER MS35338-42.....32	15	SCREW 9976010-4.....9	26	SCREW 9157788-72.....1
3	HOLDER 9991631.....1	16	ELECTRON TUBE 6164.....3	27	SEMICONDUCTOR DEVICE
	SEE FIGURE 145 FOR DETAILS	17	SCREW 9157796-157.....4		JANIN 23WE.....1
4	RETAINER 8024469.....1	18	SCREW MS16997-62.....4		
5	WASHER AN960C10L.....1	19	WASHER 7599448.....4		
6	WASHER MS35338-43.....1	20	PACKING 8519693.....4		
7	SCREW MS35206-270.....1	21	SCREW 9976010-5.....1		
8	BLOCK 9154881.....1	22	SCREW MS16997 32.....11		
9	CHAIN ASSEMBLY 9009095.....1	23	NUT 9141527.....4		
10	WASHER MS15795-806.....1	24	SUPPORT 9016679.....1		
11	WASHER MS35338-41.....2		SEE FIGURE 147 FOR DETAILS		
12	SCREW MS35206-226.....1				
13	ATTENUATOR 9991587.....1				
	SEE FIGURE 146 FOR DETAILS				

\* COMPONENT OF WAVEGUIDE  
ASSEMBLY-9141731  
\*\* COMPONENT OF ITEM 9  
\*\*\* COMPONENT OF ITEM 3

FIGURE 140. DUPLEXER /9159973/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 119 FOR NEXT HIGHER ASSEMBLY/



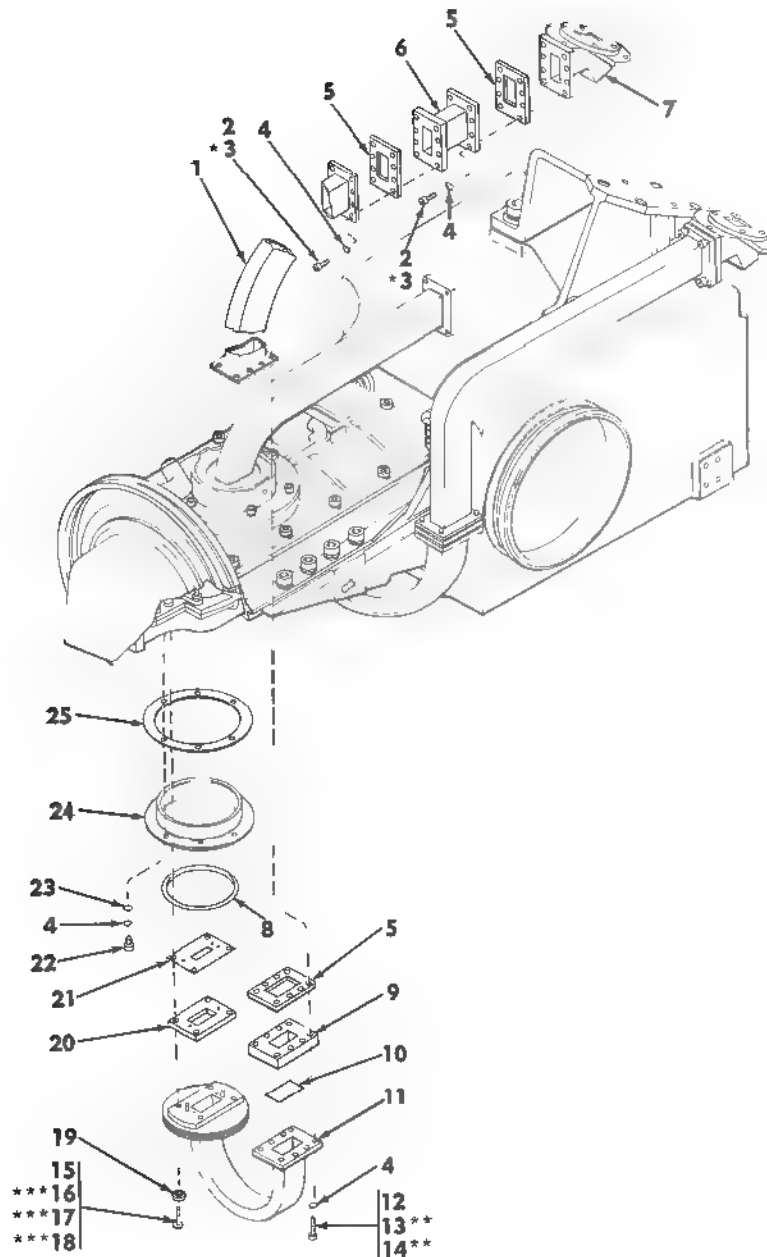
ORD G306996

1 NUT MS35690-42.....2  
 2 WASHER MS35338-40.....8  
 3 MOUNT 8010866.....1  
 SEE FIGURE 151 FOR DETAILS  
 4 SCREW MS16997-22.....16  
 5 SCREW 9016477-1.....16  
 6 WASHER MS35339-41.....16  
 7 SEAL 9731500.....2  
 8 SCREW MS35265-18.....2

9 SCREW MS35265-16.....4  
 10 SCREW 9157796-18.....2  
 11 WAVEGUIDE ASSEMBLY  
 9141731.....1  
 SEE FIGURE 148 FOR DETAILS  
 12 ELECTRON TUBE 6163.....4  
 13 WAVEGUIDE ASSEMBLY  
 9141735.....1  
 SEE FIGURE 152 FOR DETAILS

\* ALTERNATE FOR ITEM 4  
 \*\* COMPONENT OF ITEM 11

FIGURE 141. DUPLEXER /9159973/-PARTIAL EXPLODED VIEW



ORD G304816

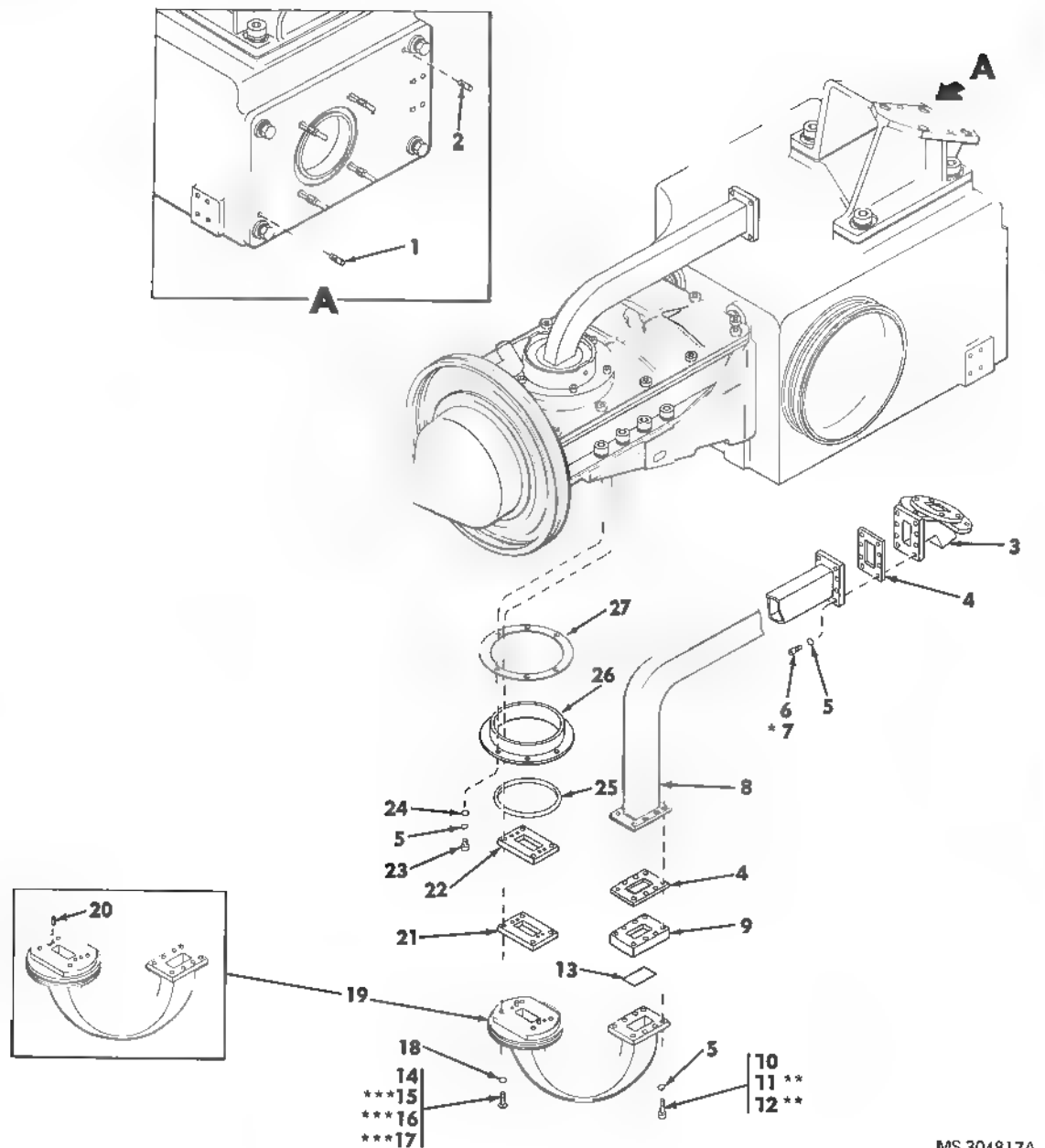
1	WAVEGUIDE ASSEMBLY	
9141834.....	1	
2	SCREW MS16997-22.....	16
3	SCREW 9016477-1.....	16
4	WASHER 4535338-41.....	30
5	SEAL 9731500.....	3
6	WAVEGUIDE ASSEMBLY	
9015817.....	1	
7	WAVEGUIDE ASSEMBLY	
9141799.....	1	
8	PACKING 9141879.....	1
9	FLANGE 9141800.....	1

10	GASKET 9141801.....	1
11	WAVEGUIDE ASSEMBLY	
9141729.....	1	
12	SCREW MS16997-36.....	8
13	SCREW 9016477-2.....	8
14	SCREW 9016477-3.....	8
15	SCREW 9016984.....	4
16	SCREW 9016985.....	4
17	SCREW 9016986.....	4
18	SCREW 9016987.....	4
19	WASHER 9138858.....	4
20	FLANGE 8016839.....	1

21	FLANGE 8011360.....	1
22	SCREW MS16997-20.....	6
23	WASHER MS15795-806.....	6
24	RETAINER 9006460.....	1
25	SPACER 9006462.....	1

\* ALTERNATE FOR ITEM 2  
 \*\* ALTERNATE FOR ITEM 12  
 \*\*\* ALTERNATE FOR ITEM 15

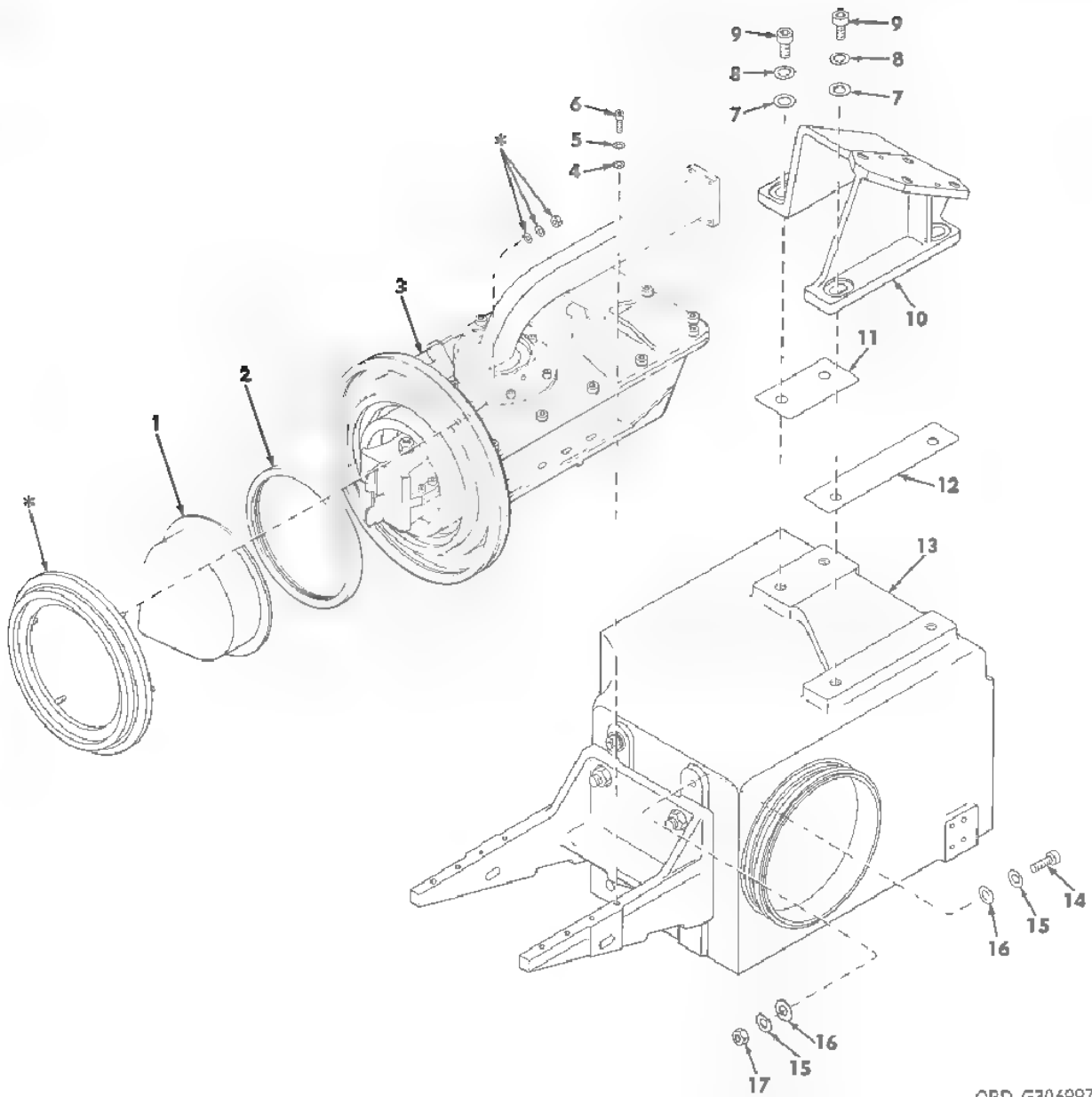
FIGURE 142. DUPLEXER /9159973/-PARTIAL EXPLODED VIEW



1	PIN	8172986	12	SCREW	9016477-3	23	SCREW	MS16997-20
2	PIN	9006516	13	GASKET	9141801	24	WASHER	MS15795-806
3	WAVEGUIDE ASSEMBLY		14	SCREW	9016984	25	PACKING	9141879
	9141799		15	SCREW	9016985	26	RETAINER	9006460
4	SFAL	9731500	16	SCREW	9016986	27	SPACER	9006462
5	WASHER	MS35338-41	17	SCREW	9016987			
6	SCREW	MS16997-22	18	WASHER	9138858			
7	SCREW	9016477-1	19	WAVEGUIDE ASSEMBLY				
8	WAVEGUIDE	9141732		9141835				
9	FLANGE	9141800		20 PIN	8005317			
10	SCREW	MS16997-36	21	FLANGE	8016839			
11	SCREW	9016477-2	22	FLANGE	8515112			

\* ALTERNATE FOR ITEM 6  
 \*\* ALTERNATE FOR ITEM 10  
 \*\*\* ALTERNATE FOR ITEM 14

FIGURE 143. DUPLEXER /9159973/-PARTIAL EXPLODED VIEW



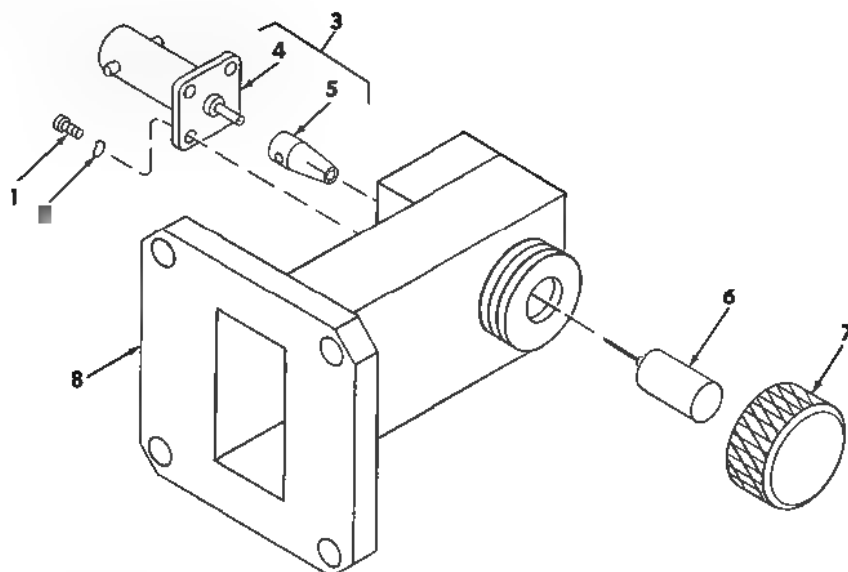
1 COVER 9006436.....1  
 2 SEAL 8515125.....1  
 3 WAVEGUIDE ASSEMBLY  
 9141832.....1  
 SEE FIGURE 153 FOR DETAILS  
 4 WASHER 9138622.....8  
 5 WASHER MS35338-42.....8  
 6 SCREW 7598956.....8

7 WASHER MS15795-814.....4  
 8 WASHER MS35338-46.....4  
 9 SCREW MS35307-360.....4  
 10 BRACKET 9016885.....1  
 11 SHIM 8515131.....1  
 12 SHIM 8515130.....1  
 13 SUPPORT 8515127.....1  
 SEE FIGURE 156 FOR DETAILS

14 SCREW 121887.....2  
 15 WASHER MS35338-44.....4  
 16 WASHER MS27183-10.....4  
 17 NUT MS51967-2.....2

\* COMPONENT OF ITEM 3

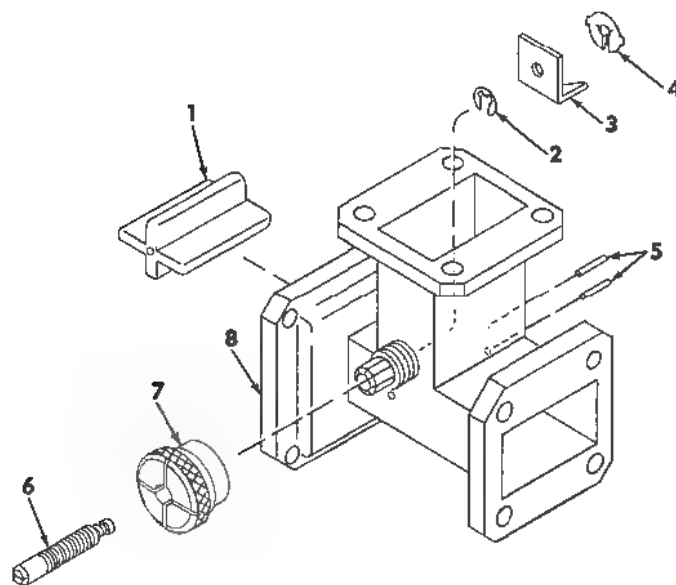
FIGURE 144. DUPLEXER /9159973/-PARTIAL EXPLODED VIEW



ORD G284539

1	SCREW 9157789-13.....	4
2	WASHER 9157798-52.....	4
3	CONNECTOR 9991621.....	1
4	CONNECTOR 9991620.....	1
5	PROBE 9991629.....	1
6	DIODE M1E1-295.....	1
7	CAP 9991627.....	1
8	WAVEGUIDE ASSEMBLY 9991630.....	1

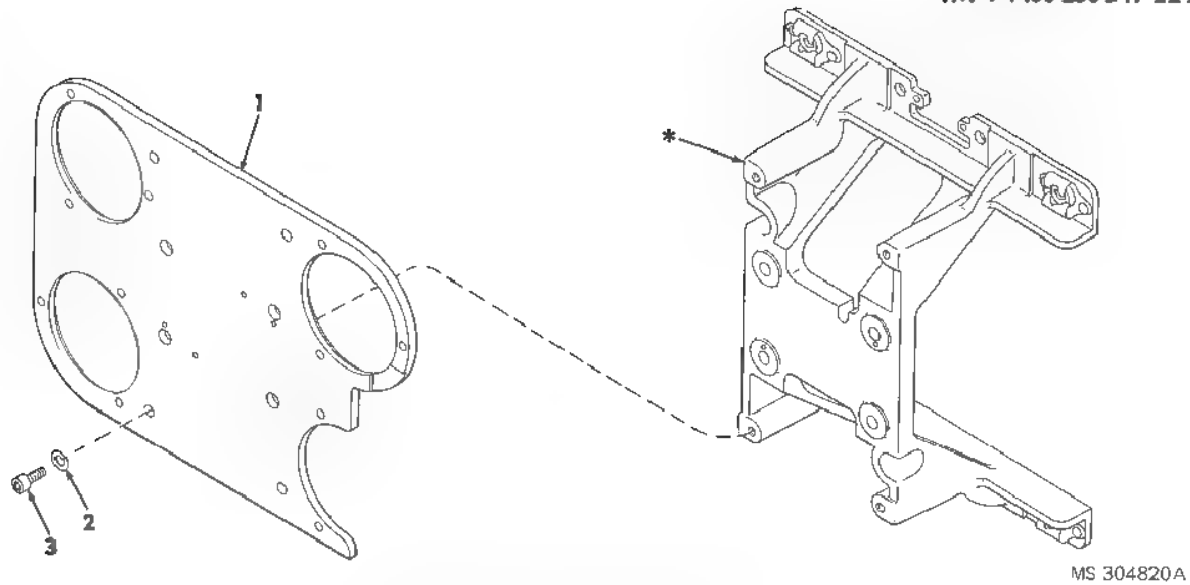
FIGURE 145. HOLDER, SEMICONDUCTOR DEVICE /9991631/-EXPLODED VIEW  
/SEE FIGURE 140 FOR NEXT HIGHER ASSEMBLY/



ORD G304819

1	ELEMENT 9991593.....	1
2	RING M516633-4012.....	1
3	SHUTTER 9991594.....	1
4	RETAINING RING 9986798.....	1
5	PIN 9991651.....	3
6	DRIVE 9991592.....	1
7	LOCKNUT 9991596.....	1
8	WAVEGUIDE SUBASSEMBLY 9991614.....	1

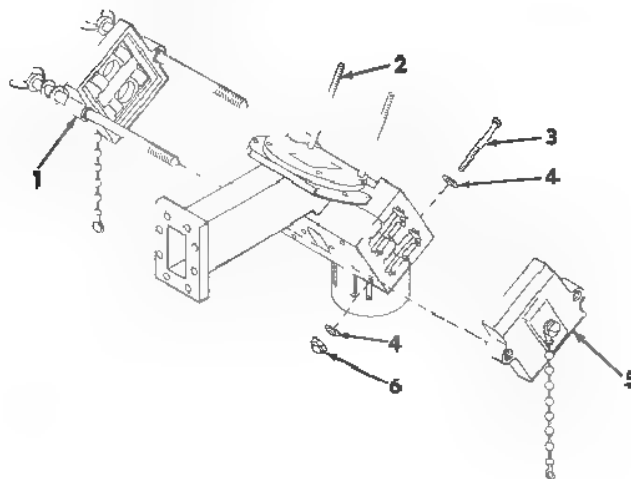
FIGURE 146. ATTENUATOR, VARIABLE /9991587/-EXPLODED VIEW  
/SEE FIGURE 140 FOR NEXT HIGHER ASSEMBLY/



- |   |        |                 |   |
|---|--------|-----------------|---|
| 1 | PLATE  | 9016680.....    | 1 |
| 2 | WASHER | MS35338-43..... | 4 |
| 3 | SCREW  | MS16997-45..... | 4 |

\* COMPONENT OF SUPPORT-9016679

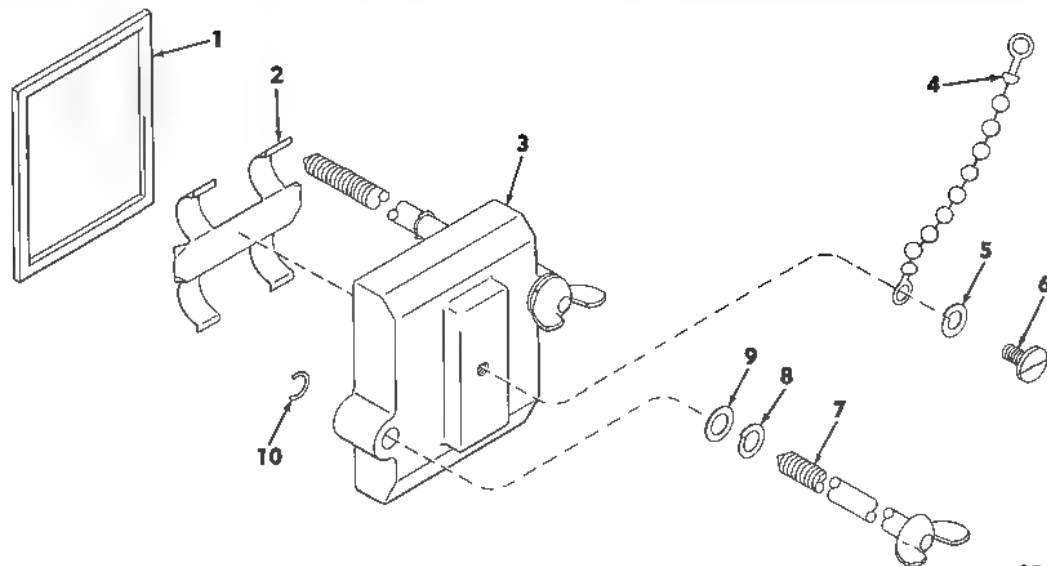
FIGURE 147. SUPPORT, WAVEGUIDE /9016679/-EXPLODED VIEW  
/SEE FIGURE 140 FOR NEXT HIGHER ASSEMBLY/



- |                            |                       |                |    |
|----------------------------|-----------------------|----------------|----|
| 1                          | COVER                 | 9006419.....   | 1  |
| SEE FIGURE 149 FOR DETAILS |                       |                |    |
| 2                          | STUD                  | 9001564.....   | 2  |
| 3                          | SCREW                 | 9741770-3..... | 6  |
| 4                          | PACKING WITH RETAINER | 9009328.....   | 12 |
| 5                          | COVER                 | 9006420.....   | 1  |
| SEE FIGURE 150 FOR DETAILS |                       |                |    |
| 6                          | NUT                   | 9009325.....   | 6  |

FIGURE 148. WAVEGUIDE ASSEMBLY /9141731/-EXPLODED VIEW  
/SEE FIGURE 141 FOR NEXT HIGHER ASSEMBLY/

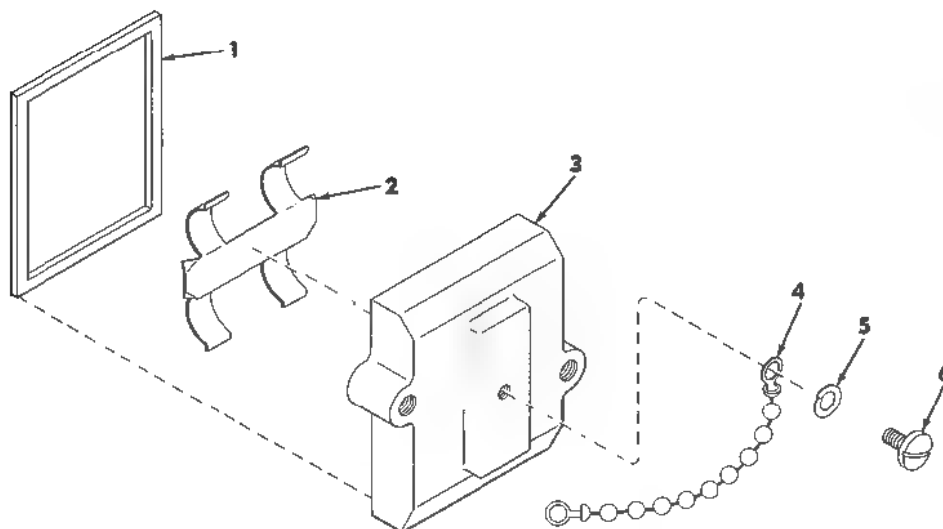




ORD G304822

1	GASKET	9006416	.....1
2	SPRING	9006415	.....1
3	COVER	9006394	.....1
4	CHAIN ASSEMBLY	9009095	.....1
5	WASHER	MS35338-137	.....1
6	SCREW	9157788-53	.....1
7	THUMB SCREW	9006403	.....2
8	WASHER	MS35338-138	.....2
9	WASHER	AN960C101	.....2
10	RING	8515953	.....2

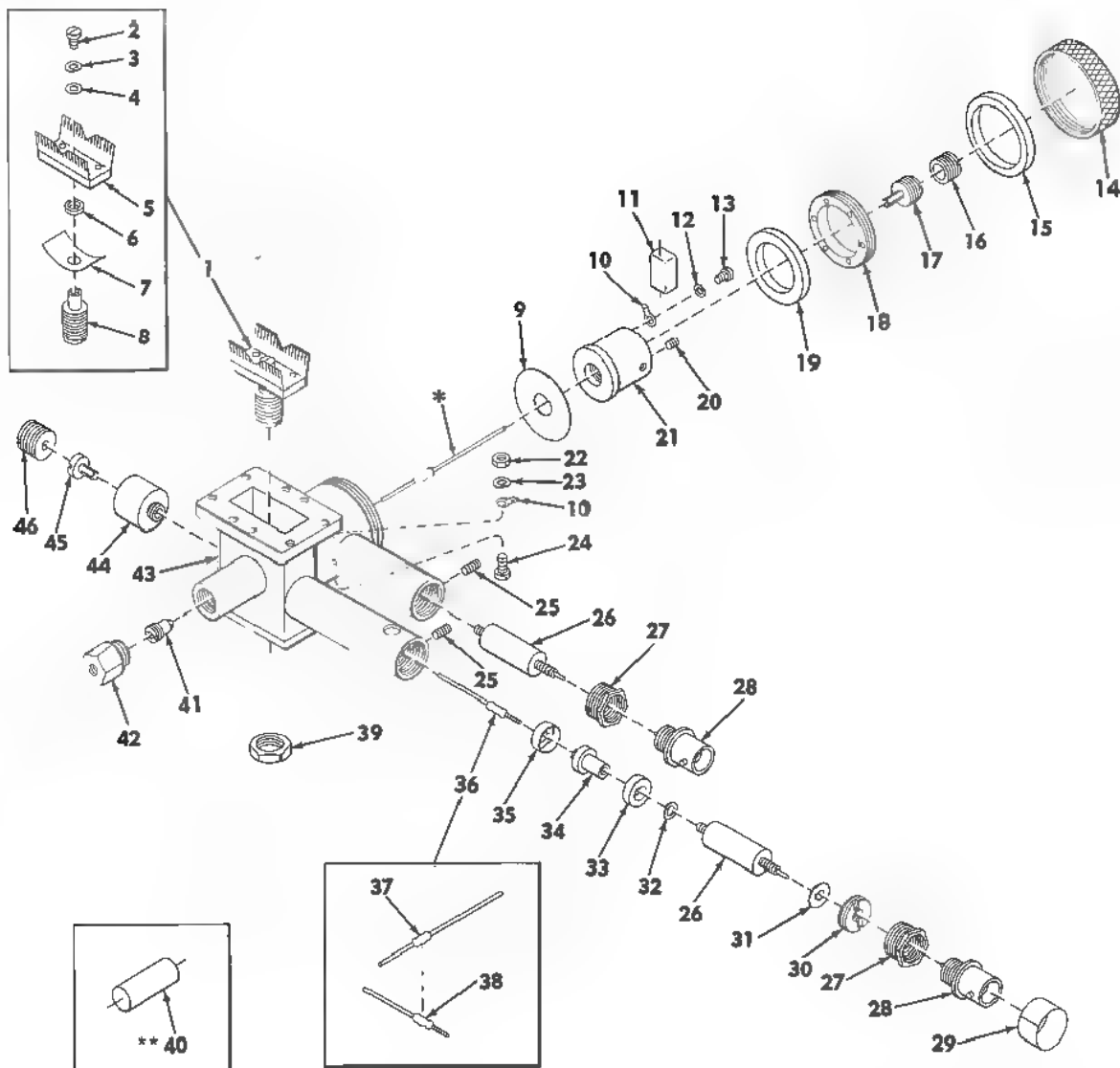
FIGURE 149. COVER, PLATE ACCESS SUBASSEMBLY /9006419/-EXPLODED VIEW  
/SEE FIGURE 148 FOR NEXT HIGHER ASSEMBLY/



ORD G304823

1	GASKET	9006416	.....1
2	SPRING	9006415	.....1
3	COVER	9006395	.....1
4	CHAIN	9009094	.....1
5	WASHER	MS35338-137	.....1
6	SCREW	9157788-53	.....1

FIGURE 150. COVER, PLATE ACCESS SUBASSEMBLY /9006420/-EXPLODED VIEW  
/SEE FIGURE 148 FOR NEXT HIGHER ASSEMBLY/

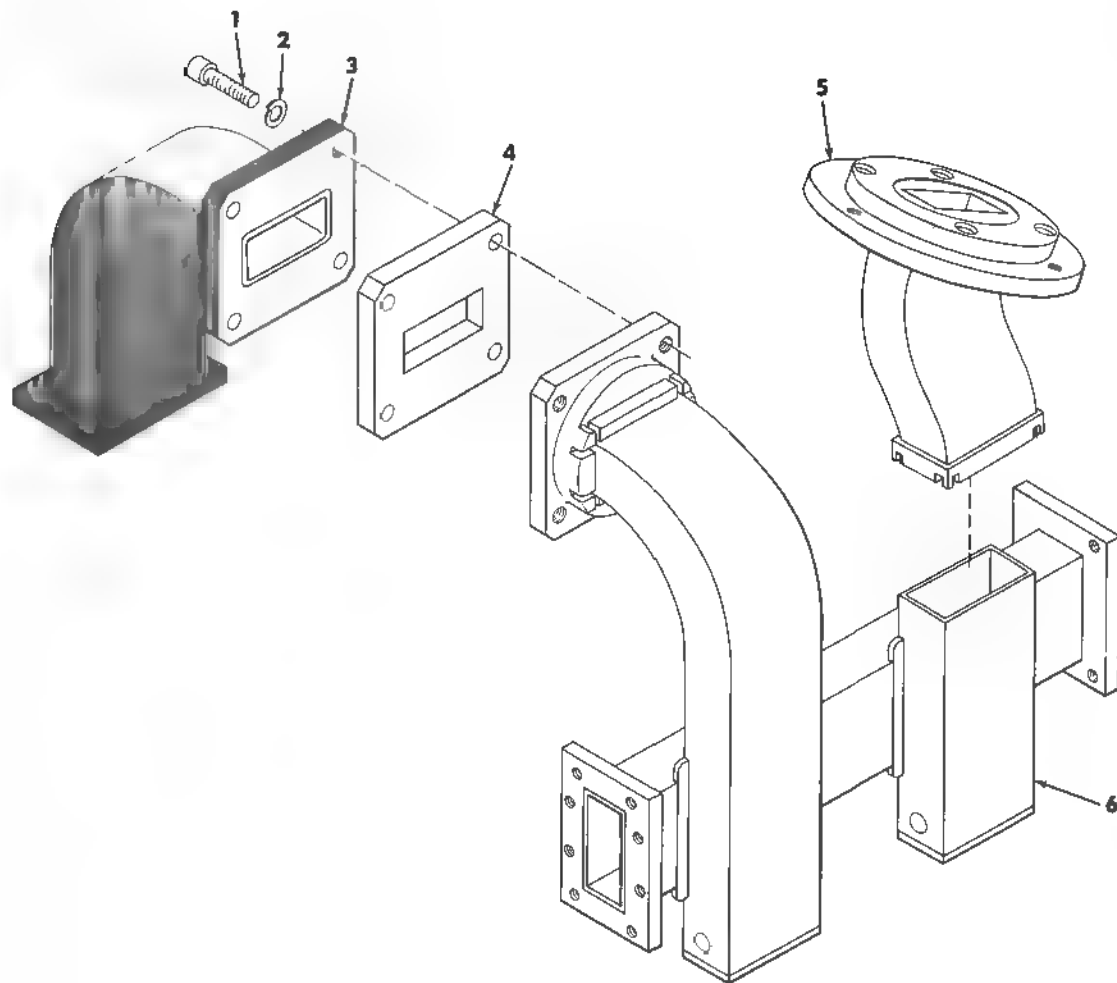


ORD G282021

1 HEAD ASSEMBLY 8010863.....1	18 COLLAR 8010842.....1	35 WASHER 9154354.....1
2 SCREW MS35265-12.....1	19 WASHER 8010849.....1	36 RESISTOR ASSEMBLY
3 WASHER MS35338-40.....1	20 SETSCREW MS51966-65.....1	8520186.....1
4 WASHER MS27183-4.....1	21 CONNECTOR 8010840.....1	37 RESISTOR 8519623.....1
5 SPRING 8010862.....1	22 NUT MS35449-242.....1	38 RESISTOR 8519624.....1
6 WASHER 8010884.....1	23 WASHER MS35338-40.....1	39 NUT 8010879.....1
7 SPRING 8010881.....1	24 SCREW MS35265-13.....1	40 RESISTOR 8010529.....1
8 SCREW 8010890.....1	25 SETSCREW MS51966-66.....2	41 CONTACT 8010861.....1
9 INSULATOR 8010850.....1	26 ABS ORBF 8010851.....2	42 SPACER 8010868.....1
10 TERMINAL 8520950.....2	27 NUT 8010624.....2	43 HOUSING 8010865.....1
11 CAPACITOR CM15CD200JP3.....1	28 CONNECTOR M39012-21-0001.....2	44 HOLDER 8016380.....1
12 WASHER MS35338-39.....1	29 COLLAR 8010853.....1	45 CONTACT 8016381.....1
13 SCREW 224953.....1	30 PLUG 8010846.....1	46 PLUG 8016171.....1
14 NUT 9154353.....1	31 WASHER 8010847.....1	
15 GASKET 9154355.....1	32 WASHER MS35338-117.....1	
16 BUSHING 8010957.....1	33 WASHER 8010848.....1	
17 CONTACT 8010887.....1	34 ADAPTER 8010843.....1	

\* COMPONENT OF ITEM 36  
\*\* SHIPPED LOOSE

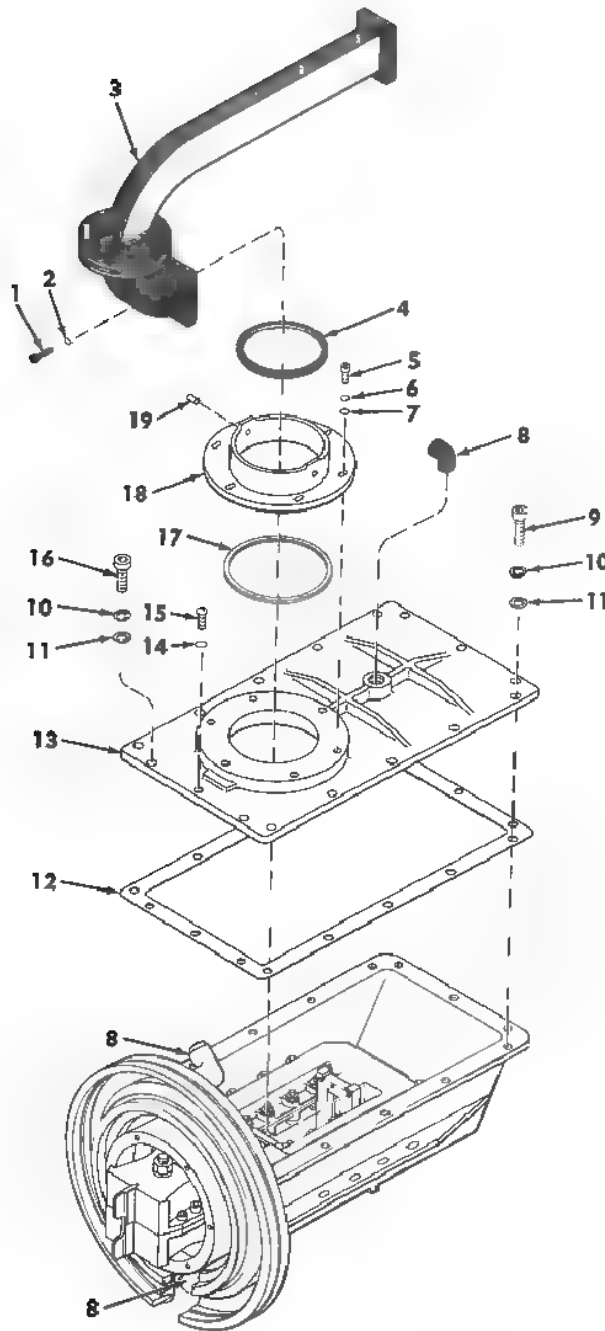
FIGURE 151. MOUNT, THERMISTOR /8010866/-EXPLODED VIEW  
/SEE FIGURE 141 FOR NEXT HIGHER ASSEMBLY/



MS 304824A

- |   |                        |   |
|---|------------------------|---|
| 1 | SCREW MS16997-33.....  | 4 |
| 2 | WASHER MS35338-42..... | 4 |
| 3 | WAVEGUIDE ASSEMBLY     |   |
|   | 8517856.....           | 1 |
| 4 | SEAL 8518028.....      | 1 |
| 5 | WAVEGUIDE ASSEMBLY     |   |
|   | 9141767.....           | 1 |
| 6 | WAVEGUIDE ASSEMBLY     |   |
|   | 9141736.....           | 1 |

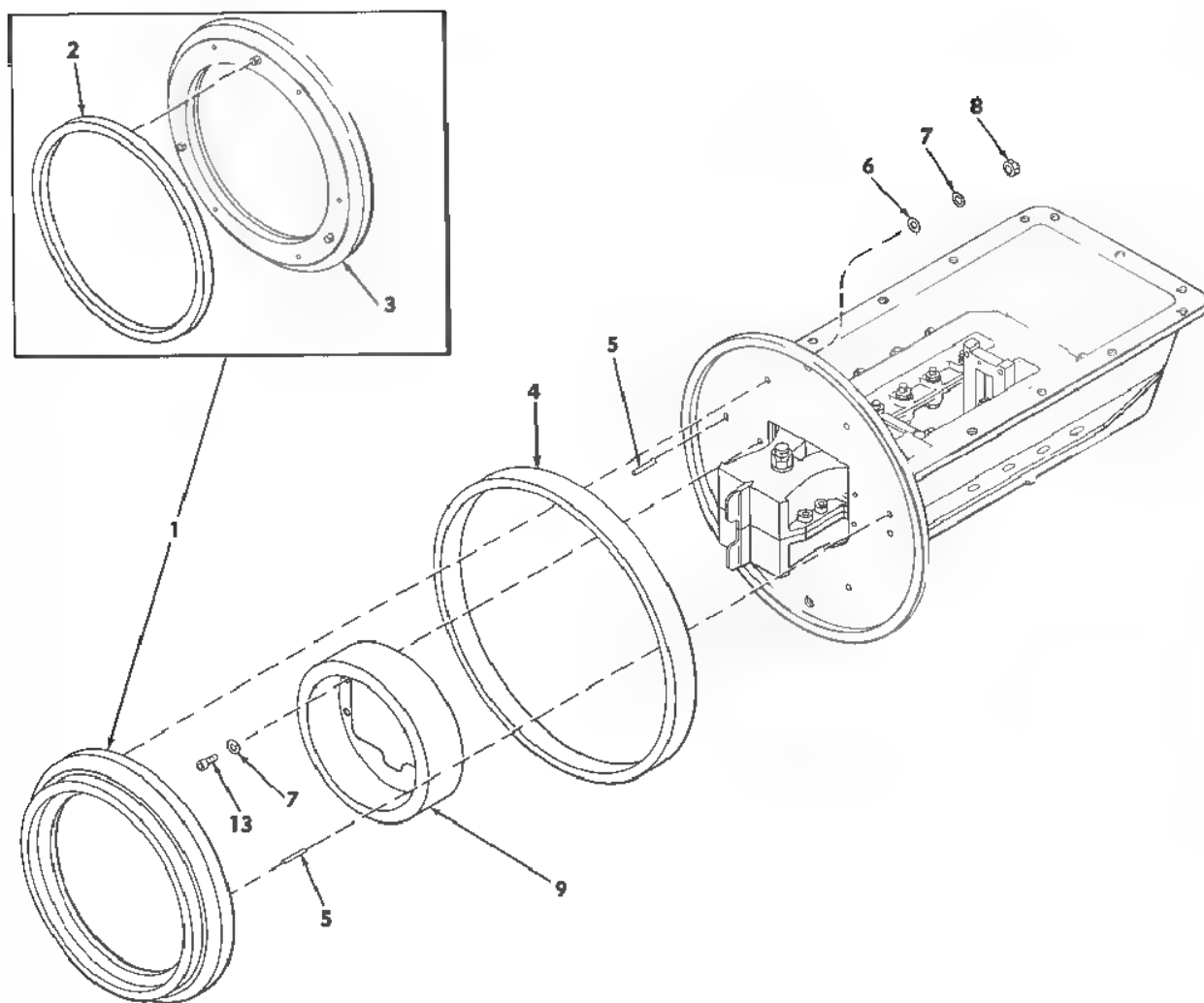
FIGURE 152. WAVEGUIDE ASSEMBLY /9141735/-EXPLODED VIEW  
/SEE FIGURE 141 FOR NEXT HIGHER ASSEMBLY/



MS 304825A

1	SCREW	MS16997-32.....4	7	WASHER	MS15795-806.....6	14	PACKING AND RETAINER	
2	WASHER	MS35338-42.....4	8	FLANG	MS20822-60.....3	15	SCREW	MS35207-264.....1
3	WAVEGUIDE ASSEMBLY	9141840.....1	9	SCREW	MS16997-46.....13	16	SCREW	MS16997-45.....2
4	PACKING	MS28784-140.....1	10	WASHER	MS35338-43.....15	17	PACKING	MS28784-149.....1
5	SCREW	MS16997-20.....6	11	WASHER	MS27183-8.....15	18	RETAINER	9006459.....1
6	WASHER	MS35338-41.....6	12	GASKET	9006461.....1	19	PIN	9006504.....2
			13	COVER	9006459.....1			

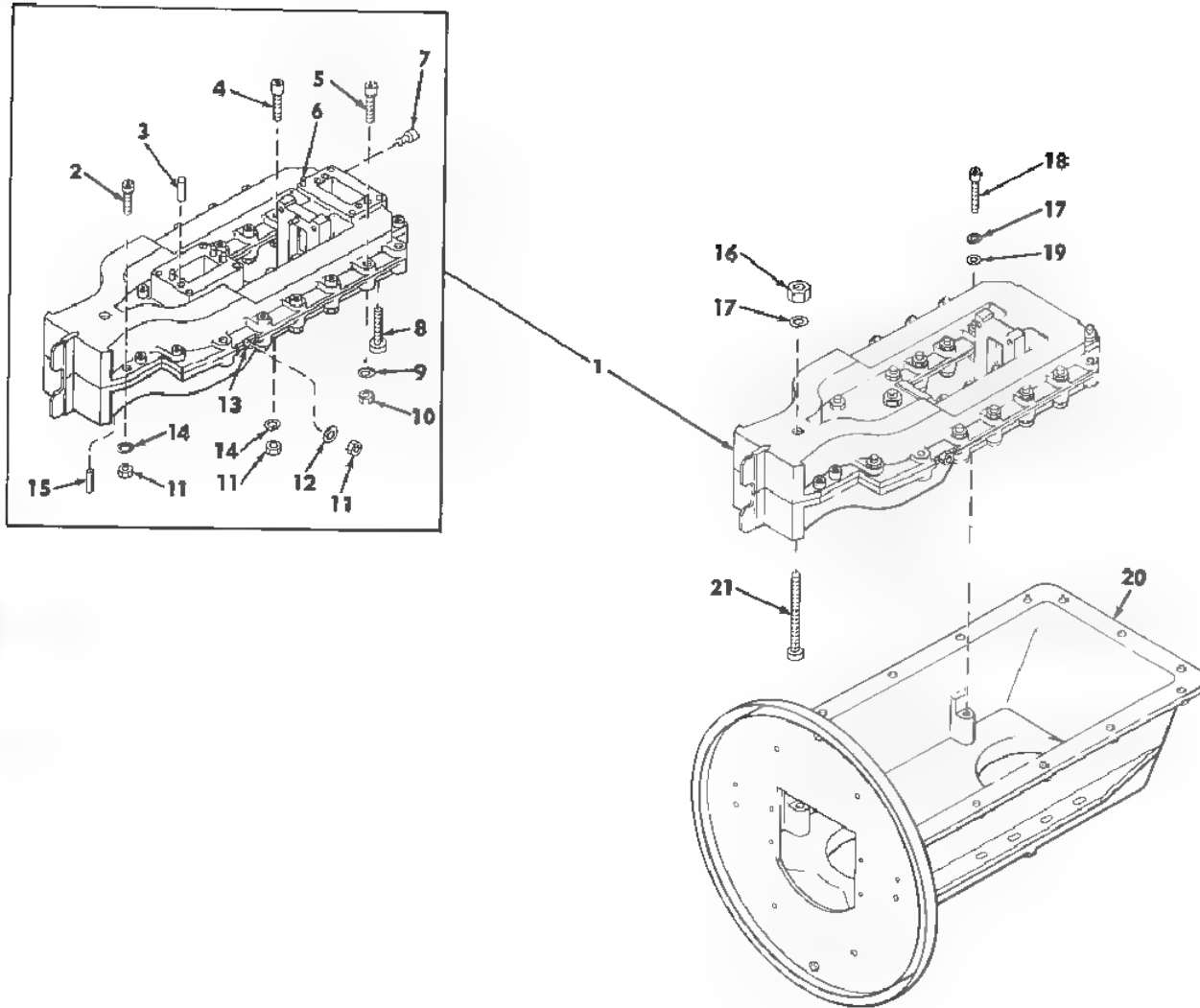
FIGURE 153. WAVEGUIDE ASSEMBLY /9141832/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 144 FOR NEXT HIGHER ASSEMBLY/



ORD G304826

1 CLAMP 8174222.....1	6 WASHER MS27183-6.....6	11 SCREW MS51959-5.....6
2 ABSORBER 8515113.....1	7 WASHER MS35338-41.....10	12 RING 9006454.....1
3 CLAMP 8174135.....1	8 NUT MS35649-262.....6	13 SCREW MS16997-19.....4
4 SEAL 8174133.....1	9 ABSORBER 9006453.....1	
5 PIN 544087.....2	10 ABSORBER 9006452.....1	

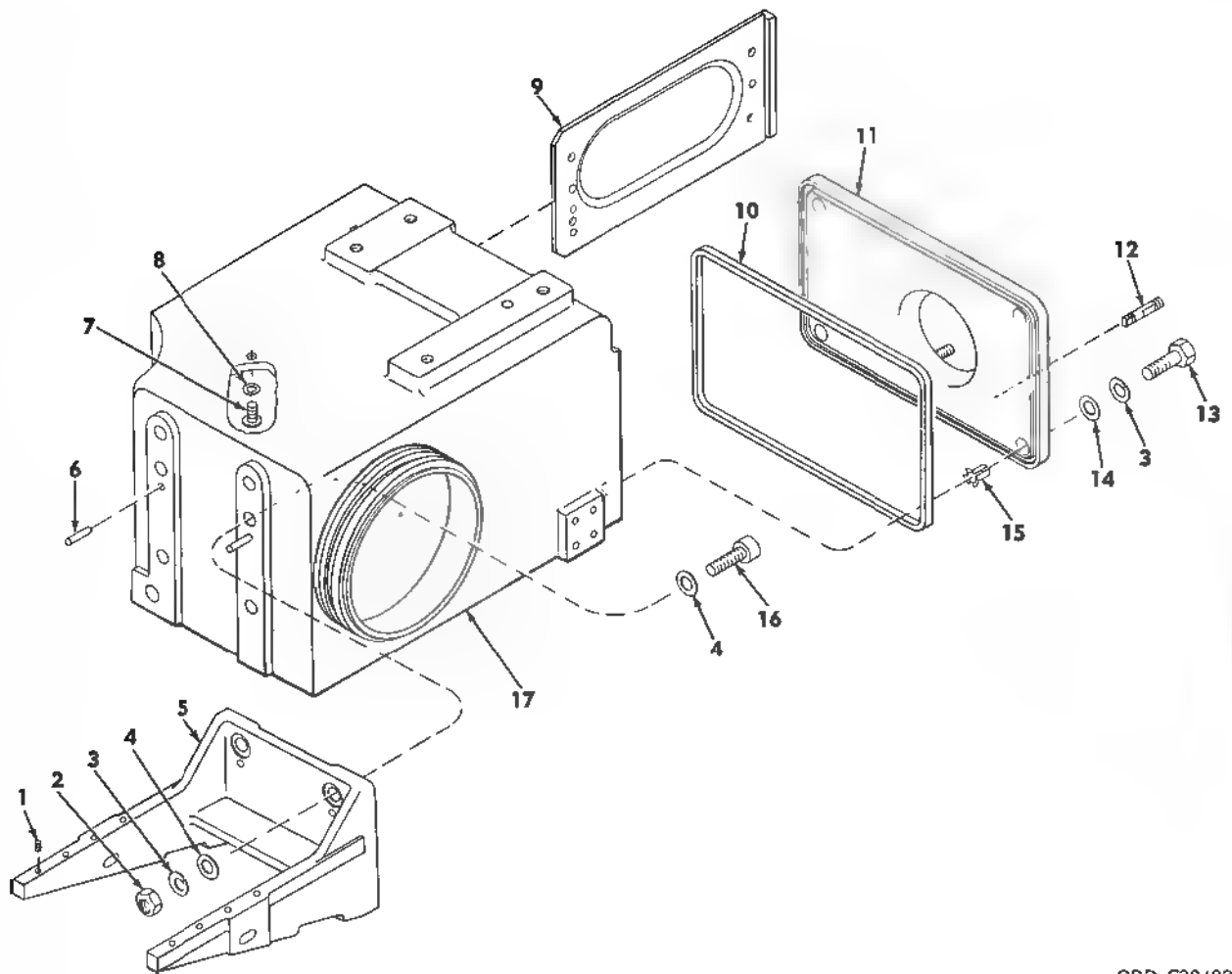
FIGURE 154. WAVEGUIDE ASSEMBLY /9141832/-PARTIAL EXPLODED VIEW



ORD G304827

1	WAVEGUIDE ASSEMBLY 9006506.....1	8	SCREW MS16997-36.....2	16	NUT MS35649-282.....1
2	SCREW MS16997-33.....4	9	WASHER MS35338-41.....16	17	WASHER MS35338-42.....5
3	PIN 9005317.....6	10	NUT MS35649-262.....16	18	SCREW MS16997-36.....4
4	SCREW MS16997-35.....6	11	NUT MS35649-282.....13	19	WASHER MS27183-7.....4
5	SCREW MS16997-23.....16	12	WASHER 8021101.....2	20	HOUSING 9006449.....1
6	PIN MS16555-641.....1	13	OFFLECTOR 8005612.....2	21	SCREW 9976010-3.....1
7	SCREW 8515562.....6	14	WASHER MS35338-42.....10		
		15	PIN 544125.....1		

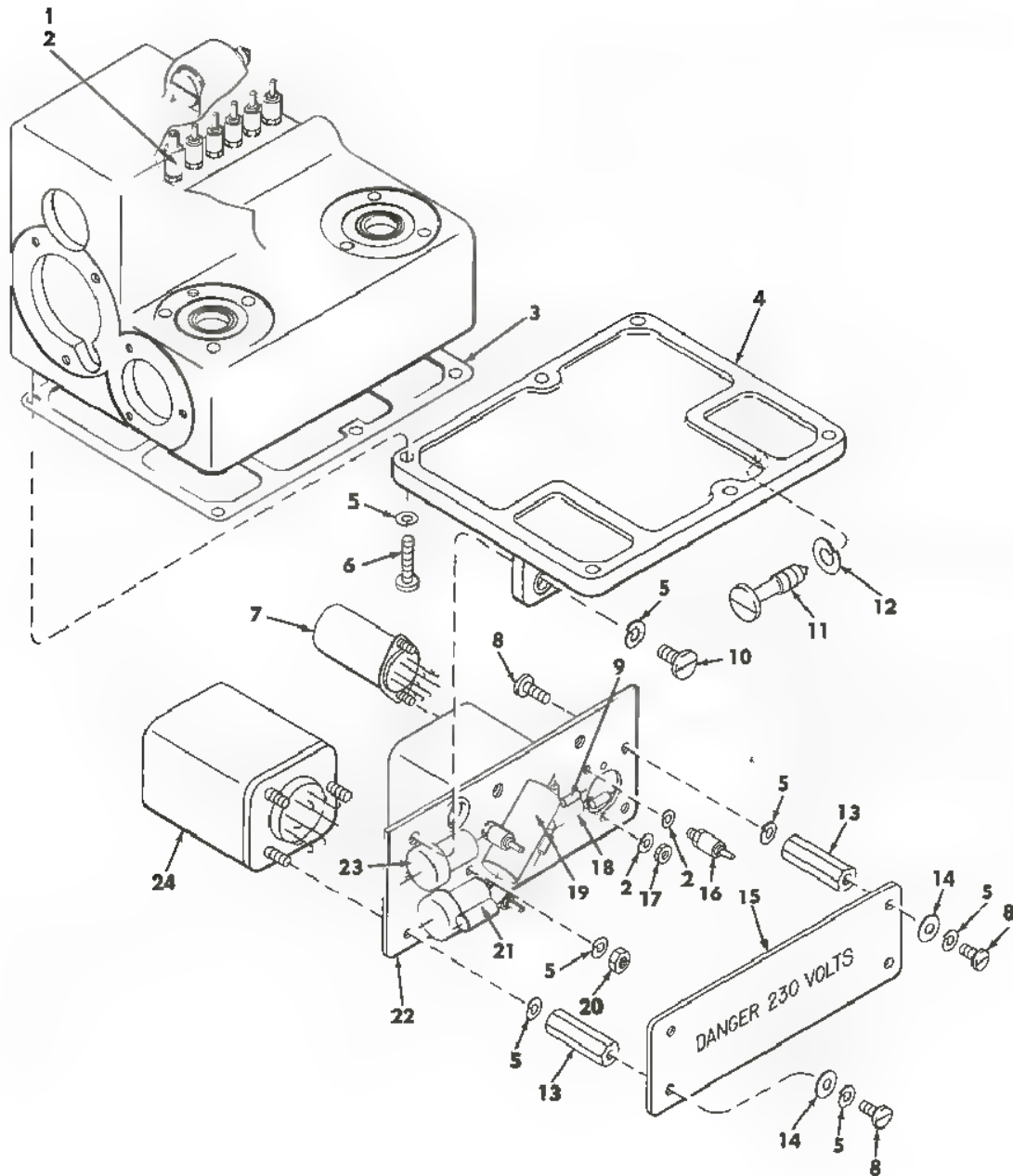
FIGURE 155. WAVEGUIDE ASSEMBLY /9141892/-PARTIAL EXPLODED VIEW



ORD G304828

1	INSERT 452606.....8	7	SCREW 9157789-90.....2	13	SCREW MS35307-336.....4
2	NUT MS51967-5.....4	8	WASHER MS35338-139.....2	14	WASHER 118848.....4
3	WASHER MS35338-121.....8	9	PLATE 8517998.....1	15	CLIP 8515446.....4
4	WASHER 7810543.....8	10	WIRE MESH 9000834.....1	16	SCREW MS16997-81.....4
5	SUPPORT 9006448.....1	11	PLATE 8517995.....1	17	HOUSING 8515128.....1
6	PIN 9006451.....2	12	STUD 8172984.....4		

FIGURE 156. SUPPORT, DUPLEXER /6515127/-EXPLODED VIEW  
/SEE FIGURE 144 FOR NEXT FIGURE ASSEMBLY/

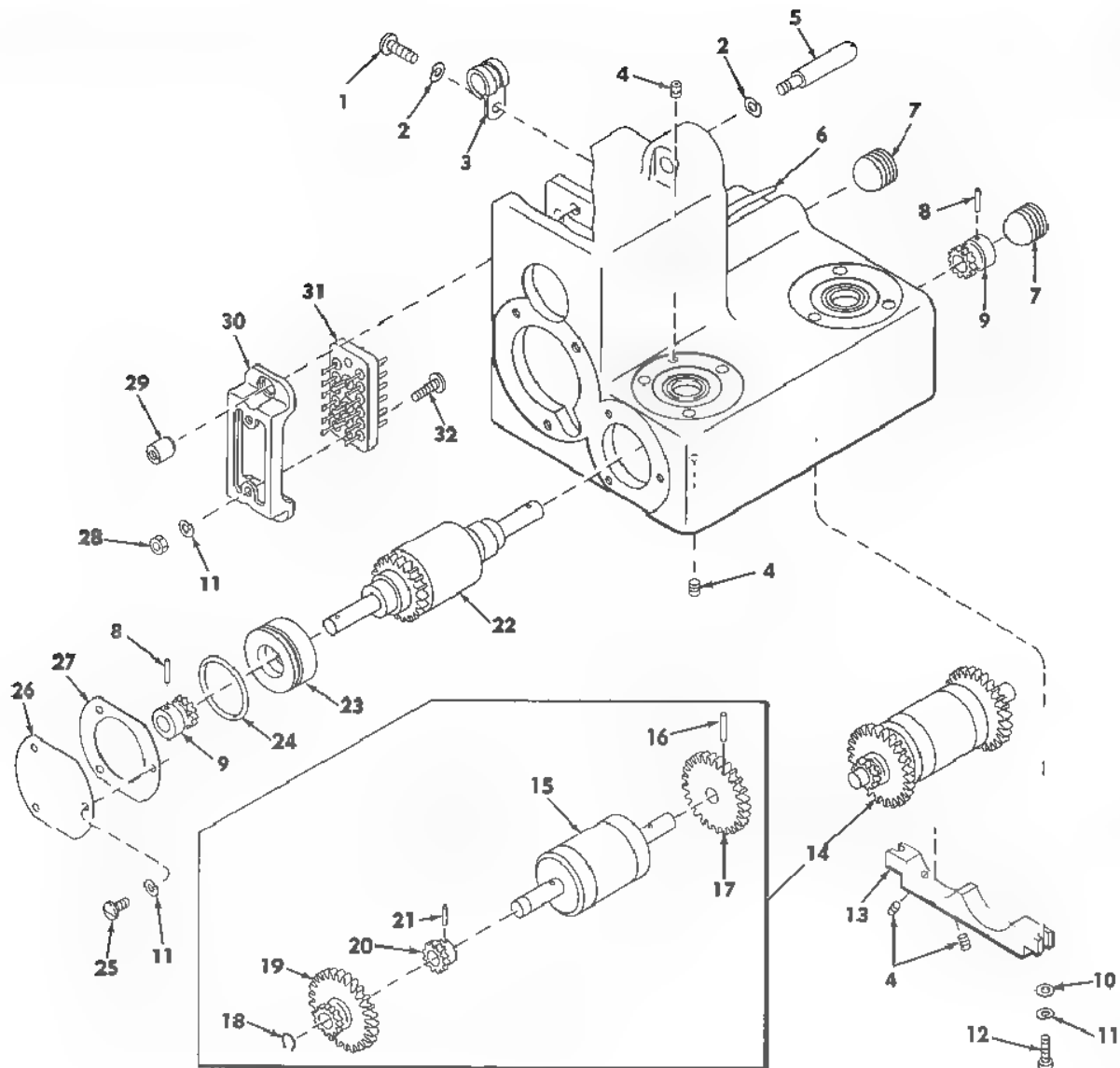


MS 291197B

1	TERMINAL 7599264.....1	10	SCREW 9157788-54.....3	18	RESISTOR RCR32G302JS.....1
2	WASHER MS35338-135.....11	11	SCREW 9154842.....3	19	CAPACITOR 8016224.....1
3	GASKET 9143133.....1	12	WASHER MS35338-139.....3	20	NUT MS35649-264.....4
4	COVER 9143142.....1	13	POST 8517646.....4	21	RESISTOR RCR32G202JS.....1
5	WASHER MS35338-137.....21	14	WASHER MS15795-806.....4	22	PLATE 9154782.....1
6	SCREW 9157788-42.....6	15	PLATE 9154780.....1	23	CAPACITOR M39006-09-6552.....2
7	RELAY 9011925.....1	16	TERMINAL 7599087.....8	24	RELAY 8627045.....2
8	SCREW 9157788-39.....6	17	NUT MS35649-244.....2		
9	SEMICONDUCTOR DEVICE JAN1N4058.....4				

FIGURE 157. DRIVE, TUNING, MAGNETRON /10185496/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 74 FOR NEXT HIGHER ASSEMBLY/

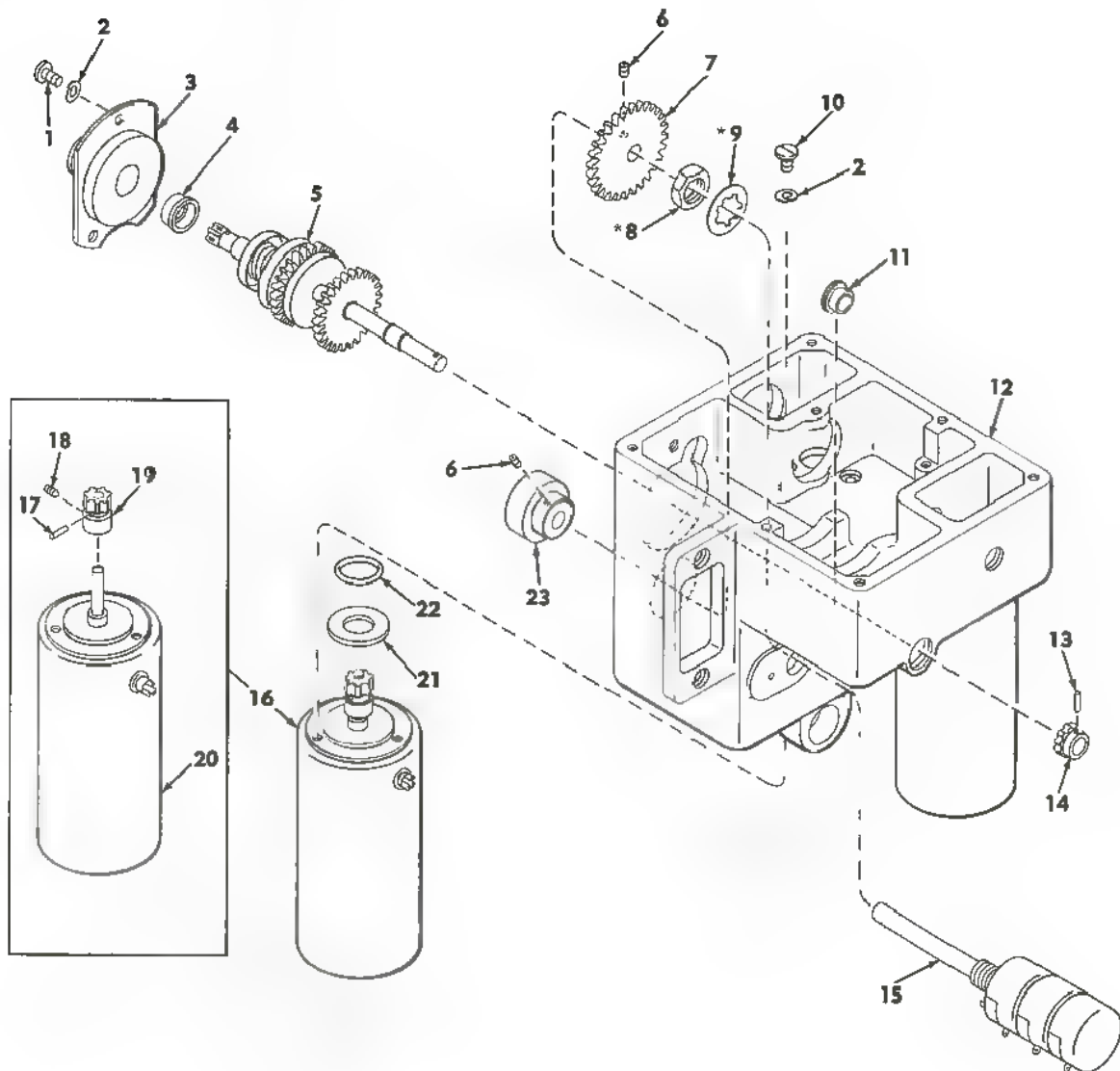




MS 291198B

1	SCREW 9157788-39.....1	13	RETAINER 9143285.....1	22	DIFFERENTIAL 9154696.....1
2	WASHER MS35338-137.....3	14	TRANSMISSION AND GEAR	23	RETAINER 9143141.....1
3	CLAMP MS219190G4.....1	15	ASSEMBLY 10185497.....1	24	RING MS29513-21.....1
4	SET SCREW MS51021-22.....4	16	TRANSMISSION	25	SCREW 9157788-25.....3
5	STUD 8008241.....2	17	9154678-2.....1	26	COVER 9154647.....1
6	WIRING HARNESS 9154820.....1	18	PIN MS16562-193.....1	27	GASKET 9154646.....1
7	SET SCREW AN5650820H6.....2	19	GEAR 9143125.....1	28	NUT MS35649-244.....2
8	PIN MS16562-192.....2	20	RING MS16624-4025.....1	29	NUT 7606689.....2
9	GEAR 9143131.....2	21	GEAR CLUSTER	30	BRACKET 7598013.....1
10	WASHER MS15795-803.....2	22	10184897.....1	31	CONNECTOR 7598934.....1
11	WASHER MS36339-135.....7	23	GEAR 9143126.....1	32	SCREW 9157788-27.....2
12	SCREW 9157796-137.....2	24	PIN MS16562-191.....1		

FIGURE 158. DRIVE, TUNING, MAGNETRON /10185496/-PARTIAL EXPLODED VIEW

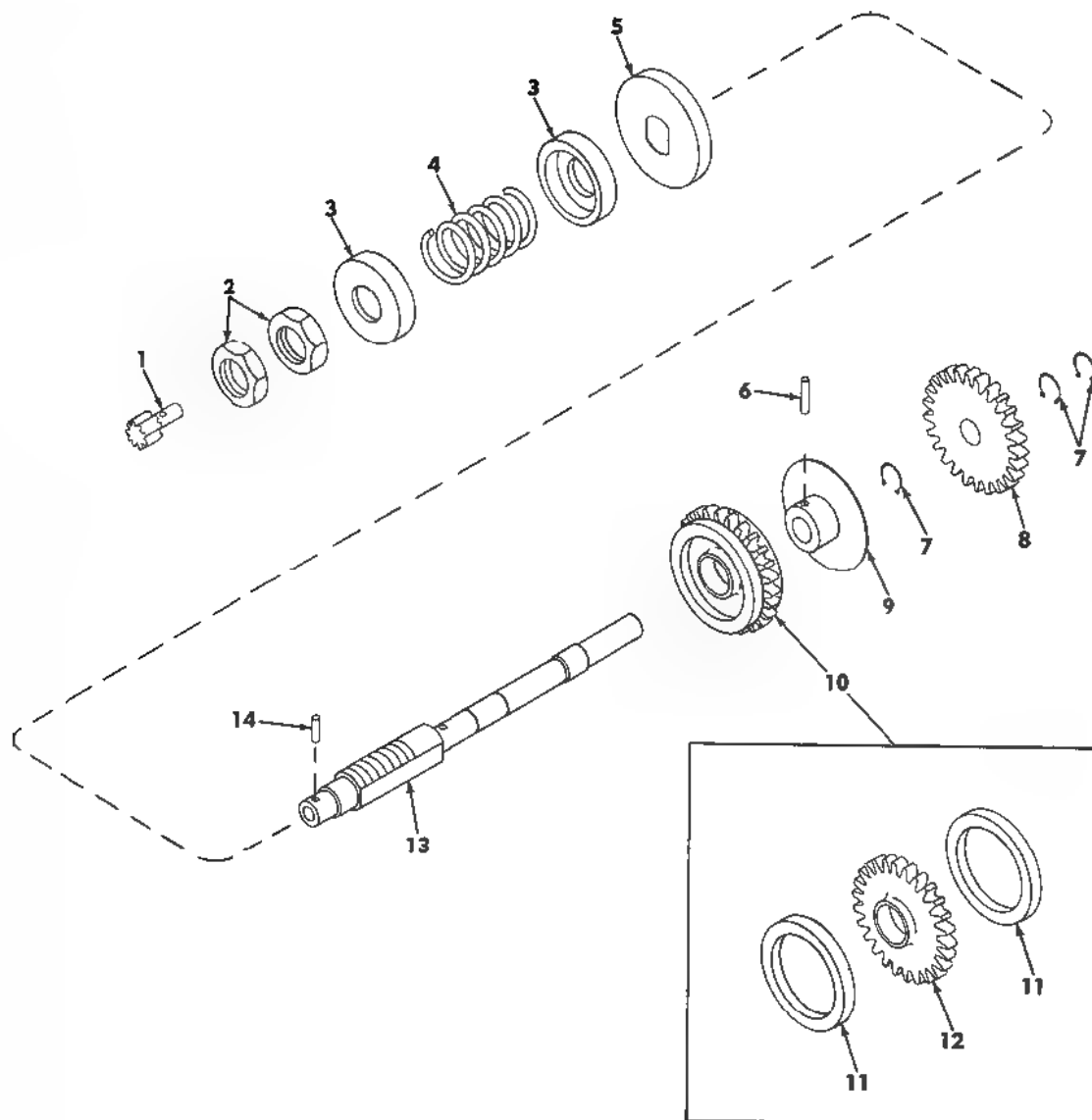


MS 291199A

1	SCREW 9157788-38.....3	10	SCREW 9157788-39.....6	19	GEAR 10186639.....1
2	WASHER MS35338-137.....9	11	BUSHING 1018550C.....1	20	MOTOR 8024302.....1
3	MUP 9143136.....1	12	HOUSING 9154703.....1	21	GASKET 10186638.....2
4	BEARING 10185459.....1	13	PIN MS16562-191.....1	22	PACKING MS29512-016.....2
5	CLUTCH ASSEMBLY 10185498.....1	14	GEAR 9143126.....1	23	DIAL 9143139.....1
	SEE FIGURE 160 FOR DETAILS	15	RESISTOR 9154655.....1		
6	SETSCREW MS51021-10.....2	16	MOTOR AND GEAR ASSEMBLY		
7	GEAR 9143124.....1		9154741.....2		
8	NUT 01121-2786.....1	17	PIN MS16562-190.....1		
9	WASHER 01121-2898.....1	18	SFTSCREW MS51021-10.....1		

\* FURNISHED WITH ITEM 15

FIGURE 159. DRIVE, TUNING, MAGNETRON /101B5496/-PARTIAL EXPLODED VIEW



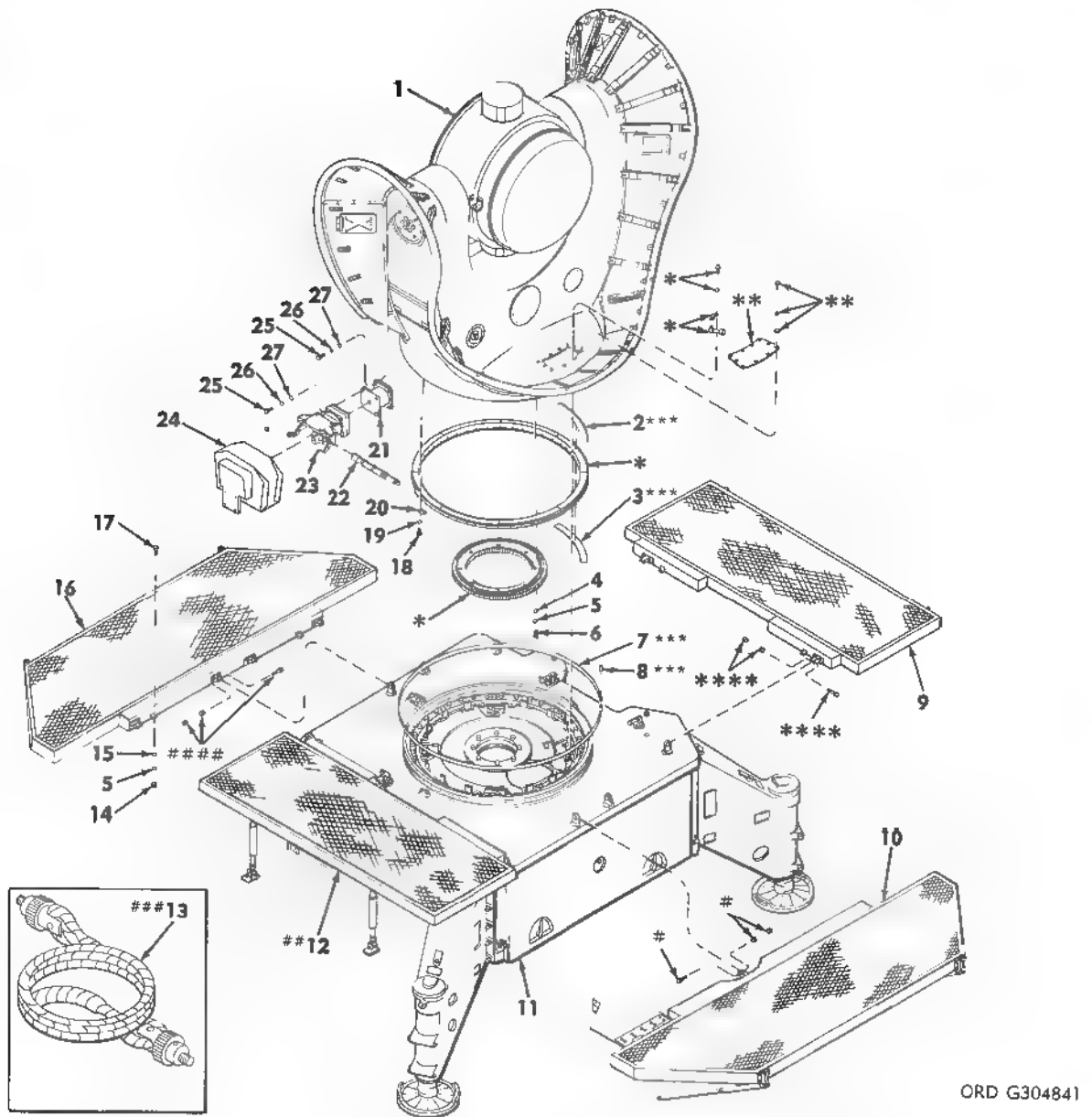
ORD G256746

1 SHAFT 7606678.....1  
2 NUT 9143204.....2  
3 RETAINER 9143140.....2  
4 SPRING 9143132.....1  
5 PLATE 9143134.....1

6 PIN MS16562-192.....1  
7 RING MS16624-4025.....3  
8 GEAR 9154638.....1  
9 PLATE 9143135.....1  
10 GEAR 9143129.....1

11 WASHER 9143145.....2  
12 GEAR 9143128.....1  
13 SHAFT 9143137.....1  
14 PIN MS16562-190.....1

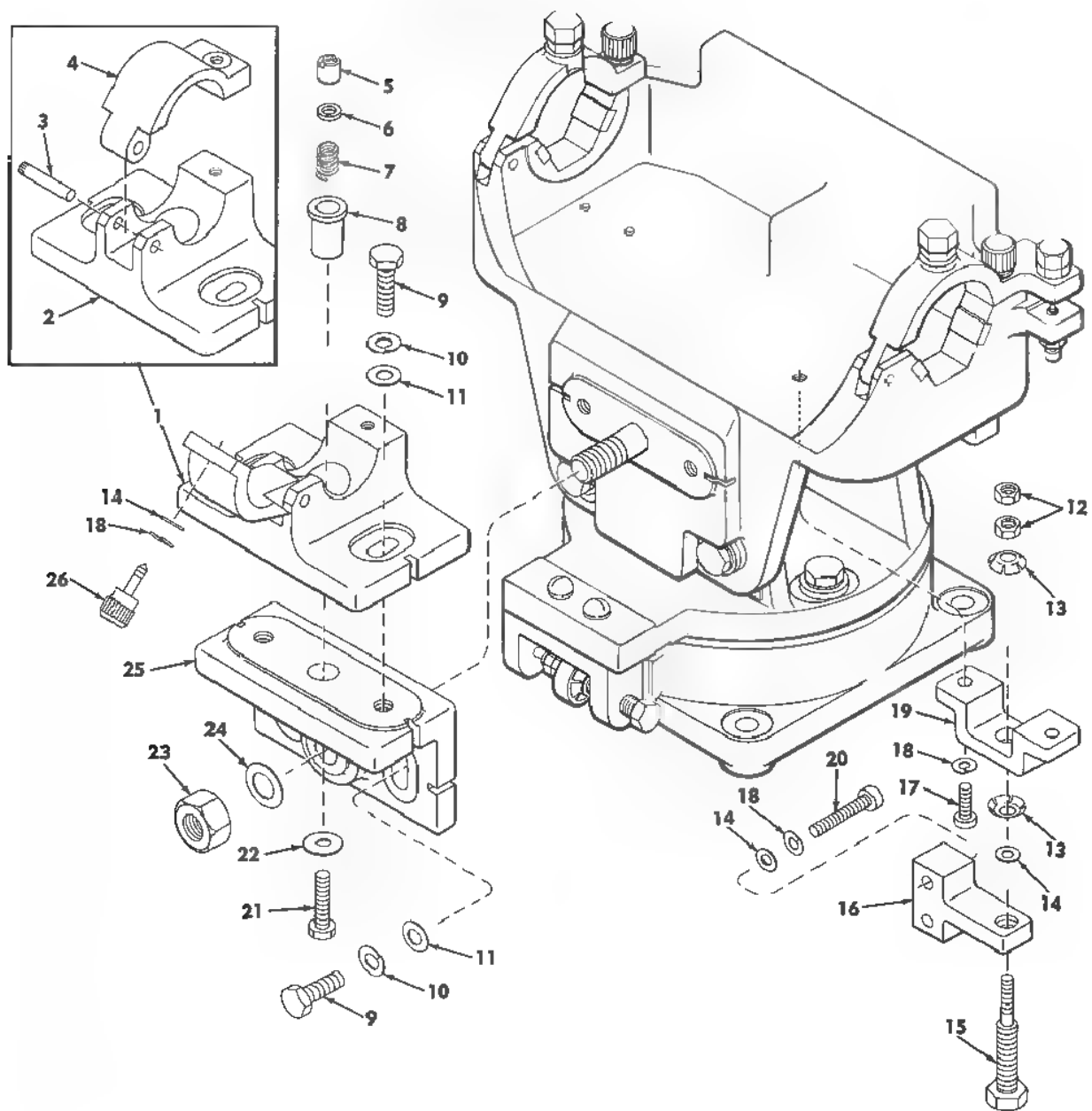
FIGURE 160. CLUTCH ASSEMBLY /10185498/-EXPLODED VIEW  
/SEE FIGURE 159 FOR NEXT HIGHER ASSEMBLY/



ORD G304841

- |    |                            |    |                            |    |                         |
|----|----------------------------|----|----------------------------|----|-------------------------|
| 1  | PEDESTAL 8171625.....1     | 13 | FIBER ROPE ASSEMBLY        | 24 | COVER 8511586.....1     |
|    | SEE FIGURE 165 FOR DETAILS |    | 8012037.....1              | 25 | BOLT MS90725-89.....8   |
| 2  | BARRIER 10184831-2.....8   | 14 | NUT MS51967-8.....2        | 26 | WASHER MS35338-47.....8 |
| 3  | BARRIER 10184831.....9     | 15 | WASHER MS27183-15.....2    | 27 | WASHER MS27183-16.....8 |
| 4  | WASHER AN960-616.....8     | 16 | PLATFORM 9136461.....1     |    |                         |
| 5  | WASHER MS35338-46.....10   |    | SEE FIGURE 221 FOR DETAILS |    |                         |
| 6  | SCREW MS16997-100.....8    | 17 | SCREW MS16997-101.....2    |    |                         |
| 7  | RETAINER 10185314.....1    | 18 | SCREW MS16997-60.....32    |    |                         |
| 8  | PIN MS16562-23.....1       | 19 | WASHER MS35338-44.....32   |    |                         |
| 9  | PLATFORM 9136463.....1     | 20 | PLATE 8171689.....16       |    |                         |
|    | SEE FIGURE 219 FOR DETAILS | 21 | ADAPTER 8173065.....1      |    |                         |
| 10 | PLATFORM 9136462.....1     | 22 | TELESCOPE ASSEMBLY         |    |                         |
|    | SEE FIGURE 221 FOR DETAILS |    | 8511779.....1              |    |                         |
| 11 | EQUIPMENT ENCLOSURE        |    | SEE FIGURE 271 FOR DETAILS |    |                         |
|    | 9136465.....1              | 23 | MOUNTING ASSEMBLY          |    |                         |
|    | SEE FIGURE 222 FOR DETAILS |    | 8015860.....1              |    |                         |
| 12 | PLATFORM 9136464.....1     |    | SEE FIGURE 162 FOR DETAILS |    |                         |
|    | SEE FIGURE 220 FOR DETAILS |    |                            |    |                         |
- \* COMPONENT OF ITEM 11  
 \*\* COMPONENT OF ITEM 1  
 \*\*\* FOR SYSTEMS K135 AND UP  
 \*\*\*\* COMPONENT OF ITEMS 9 AND 12  
 # COMPONENT OF ITEM 10  
 ## FOR PERMANENT INSTALLATION  
 ### SHIPPEC LOOP  
 #### COMPONENT OF ITEM 16

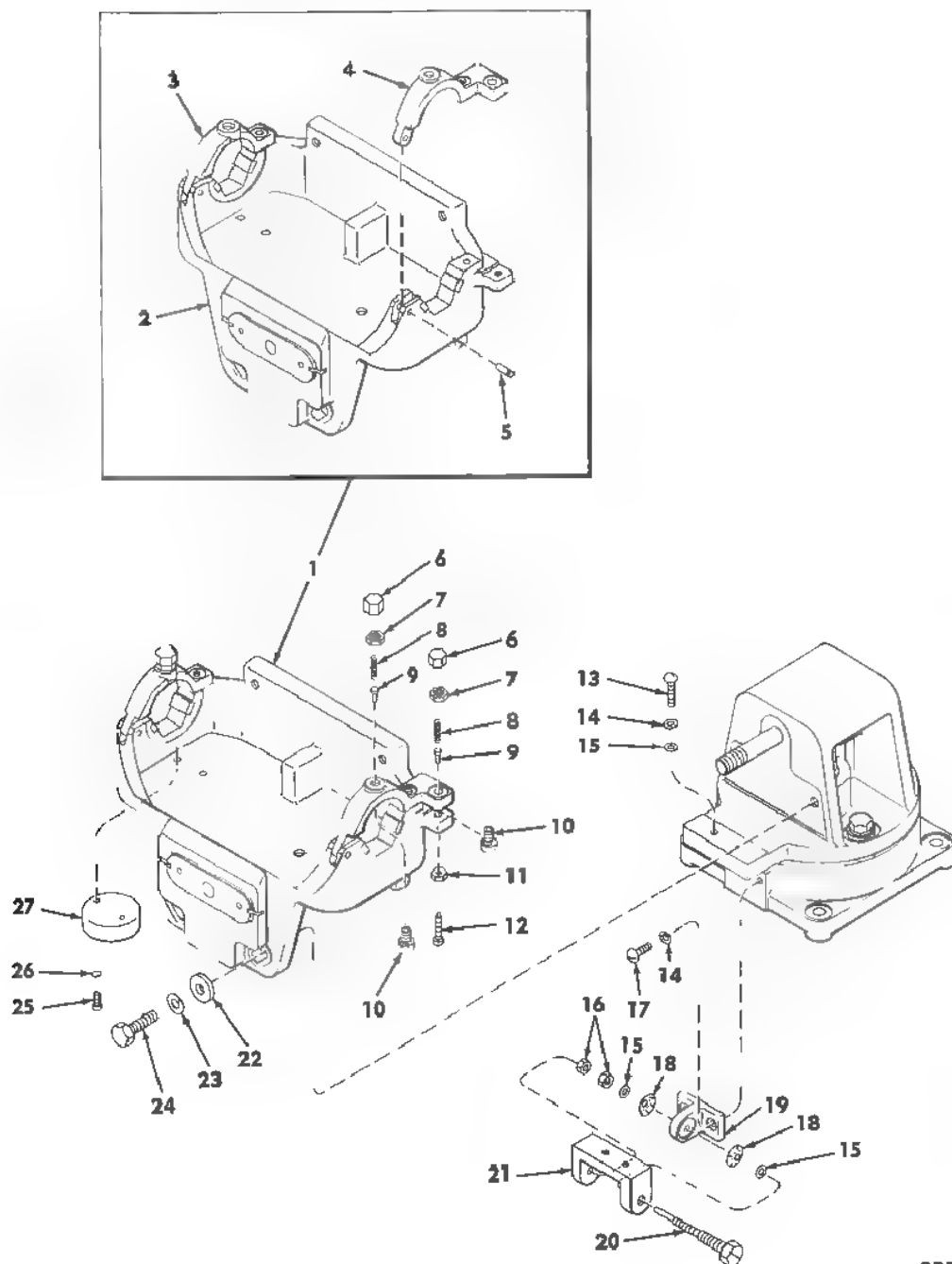
FIGURE 161. BASE, ANTENNA /9136028/-EXPLODED VIEW  
/SEE FIGURE 6 FOR NEXT HIGHER ASSEMBLY/



ORD G304842

1	HOLDER 8011924.....1	10	WASHER MS35338-46.....4	19	BRACKET 8019140.....1
2	HOLDER 8011177.....1	11	WASHER MS27183-14.....4	20	SCREW MS16997 64.....2
3	PIN 8015862.....1	12	NUT MS51967-2.....2	21	SCREW 215668.....1
4	CLAMP 8015812.....1	13	WASHER 8015803.....2	22	WASHER 8015808.....1
5	NUT 8015802.....1	14	WASHER MS27183-10.....6	23	NUT MS51967-20.....1
6	WASHER 750550.....1	15	SCREW 8171407.....1	24	WASHER 8011838.....1
7	SPRING 8015797.....1	16	BAR 8019139.....1	25	BRACKET 8011178.....1
8	RETAINER 8015798.....1	17	SCREW MS35265-81.....2	26	THUMBSCREW 8015790.....3
9	SCREW MS35307-362.....4	18	WASHER MS35338-44.....7		

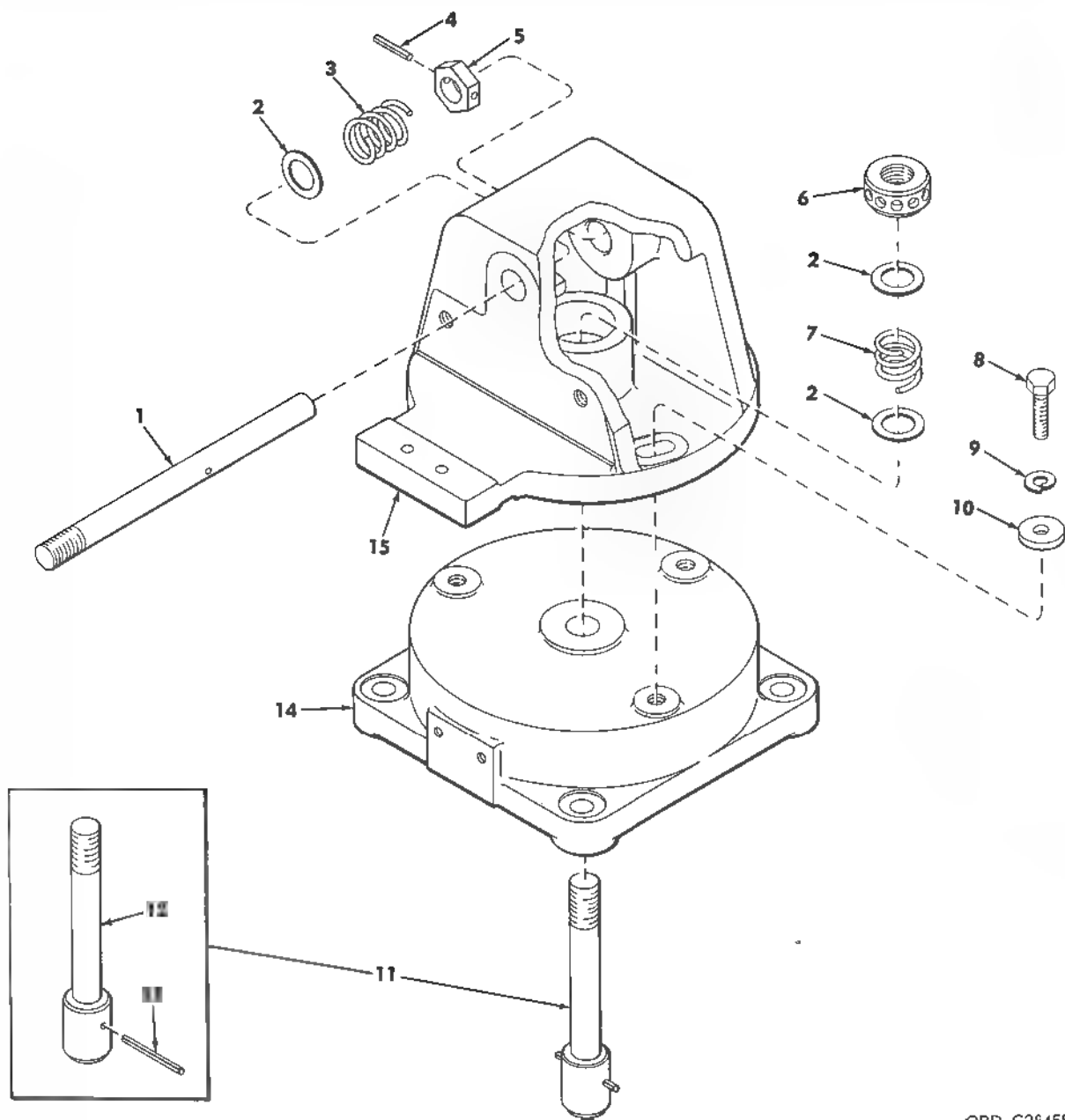
FIGURE 162. MOUNTING ASSEMBLY, TELESCOPE /8015860/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 161 FOR NEXT HIGHER ASSEMBLY/



ORD G256749

1 MOUNTING 8017450.....1	10 RETAINER 8015835.....3	19 BAR 8015809.....1
2 MOUNTING 8017452.....1	11 NUT 8015806.....1	20 SCREW 8171408.....1
3 CLAMP 8015813.....1	12 SETSCREW 8015792.....1	21 BLOCK 8017449.....1
4 CLAMP 8015834.....1	13 SCREW MS35338-44.....2	22 WASHER 9003441.....2
5 PIN 8015861.....2	14 WASHER MS35338-44.....4	23 WASHER MS35338-46.....2
6 NUT 8015801.....3	15 WASHER MS27183-10.....4	24 SCREW MS35307-364.....2
7 NUT 8015807.....3	16 NUT MS51967-2.....2	25 SCREW MS35265-45.....2
8 SPRING 8015796.....3	17 SCREW MS35206-281.....2	26 WASHER MS35338-42.....2
9 PLUNGER 8150391.....3	18 WASHER 8015803.....2	27 CUP 8019136.....1

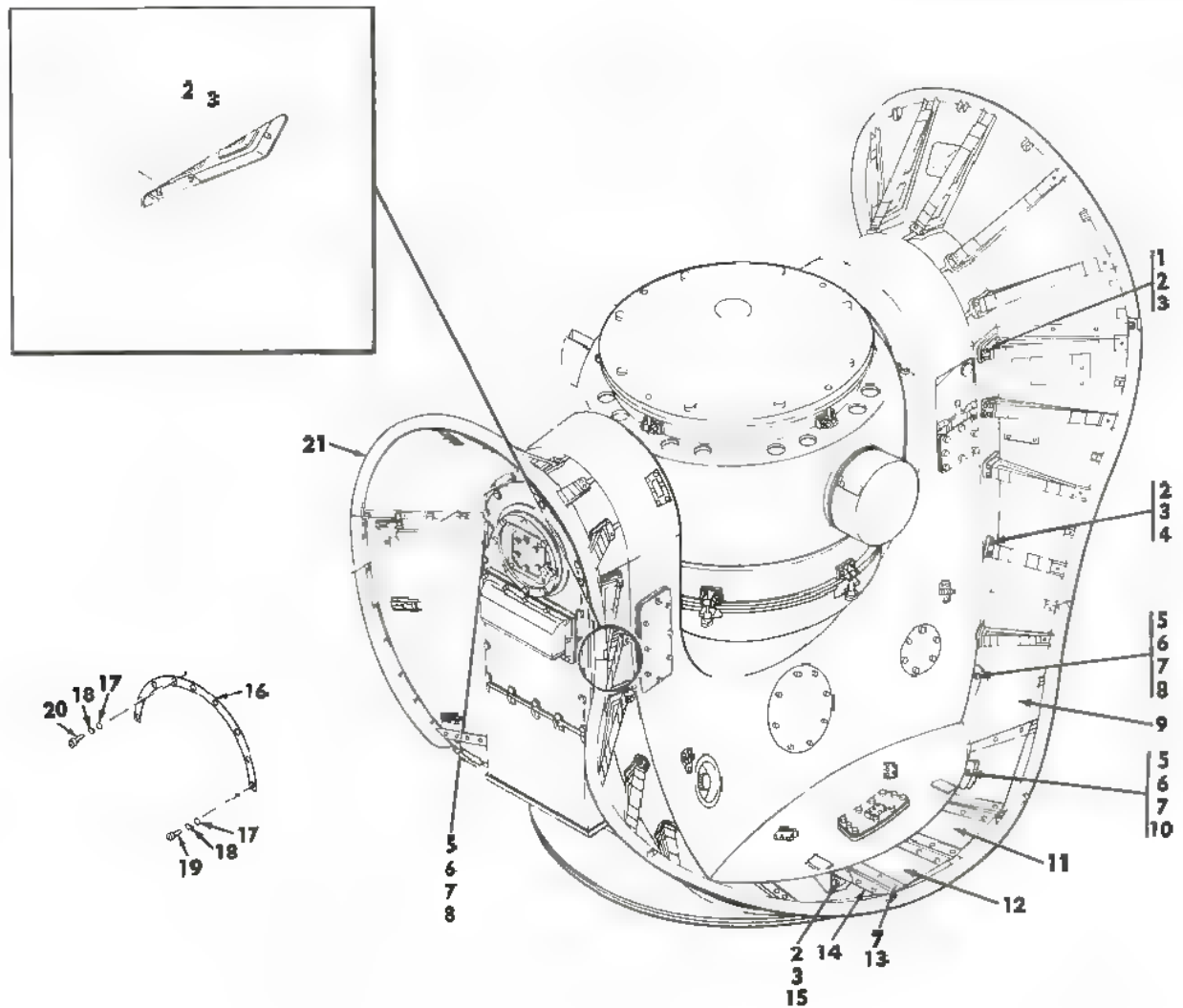
FIGURE 163. MOUNTING ASSEMBLY, TELESCOPE /8015860/-PARTIAL EXPLODED VIEW



ORD G284551

1	PIN 8015791.....1	6	NUT 8019141.....1	11	SHAFT 8011823.....1
2	WASHER 8011839.....3	7	SPRING 8015794.....1	12	SHAFT 8015793.....1
3	SPRING 8015795.....1	8	SCREW MS35307-364.....3	13	PIN MS171570.....1
4	PIN MS16562-238.....1	9	WASHER MS35338-46.....3	14	BASE 8011174.....1
5	HOLDER 8011837.....1	10	WASHER 9003441.....3	15	BLOCK 8017451.....1

FIGURE 164. MOUNTING ASSEMBLY, TELESCOPE /8015860/-PARTIAL EXPLODED VIEW

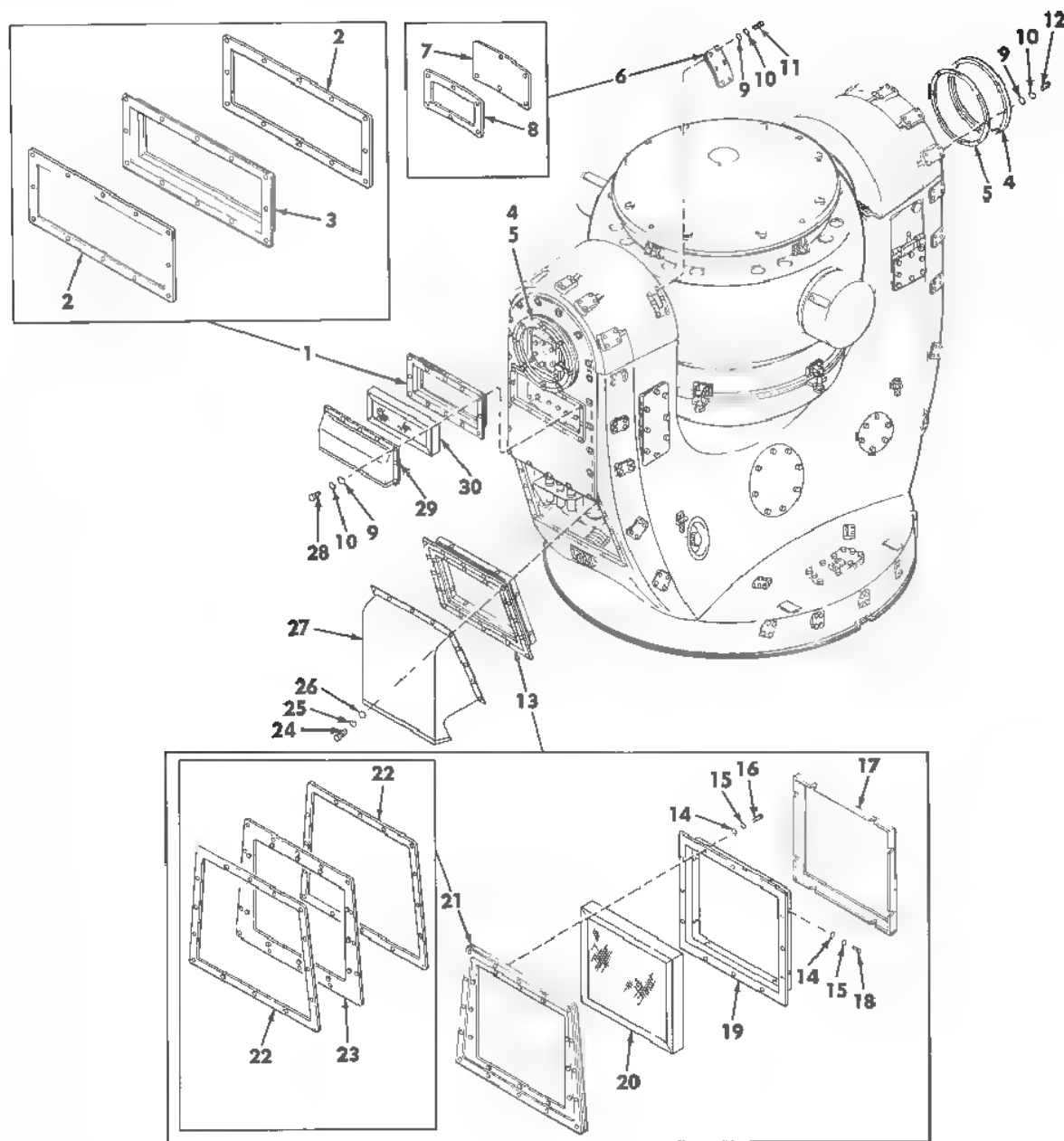


ORD G280614

1	SCREW	MS16997-70.....	80	9	PLATFORM	8520762.....	2	17	WASHER	MS27183-10.....	18
2	WASHER	MS35338-45.....	160	10	INSERT	MS21208C 1-15.....	32	18	WASHER	MS35338-44.....	18
3	WASHER	MS27183-12.....	160	11	PLATFORM	8520761.....	2	19	SCREW	MS16997-62.....	4
4	SCREW	MS16997-80.....	9	12	PLATFORM	8520760.....	2	20	SCREW	MS16997-61.....	14
5	SCREW	MS35206-280.....	83	13	SCREW	MS35207-265.....	40	21	FRAME	9005564.....	1
6	WASHER	MS35338-43.....	83	14	PLATFORM	8520759.....	2	SEE FIGURE 181 FOR DETAILS			
7	WASHER	MS27183-8.....	123	15	NUT	MS51567-5.....	12				
8	INSERT	9003719.....	49	16	STRIP	9000462.....	1				

FIGURE 165. PEDESTAL, ANTENNA /8171625/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 161 FOR NEXT HIGHER ASSEMBLY/

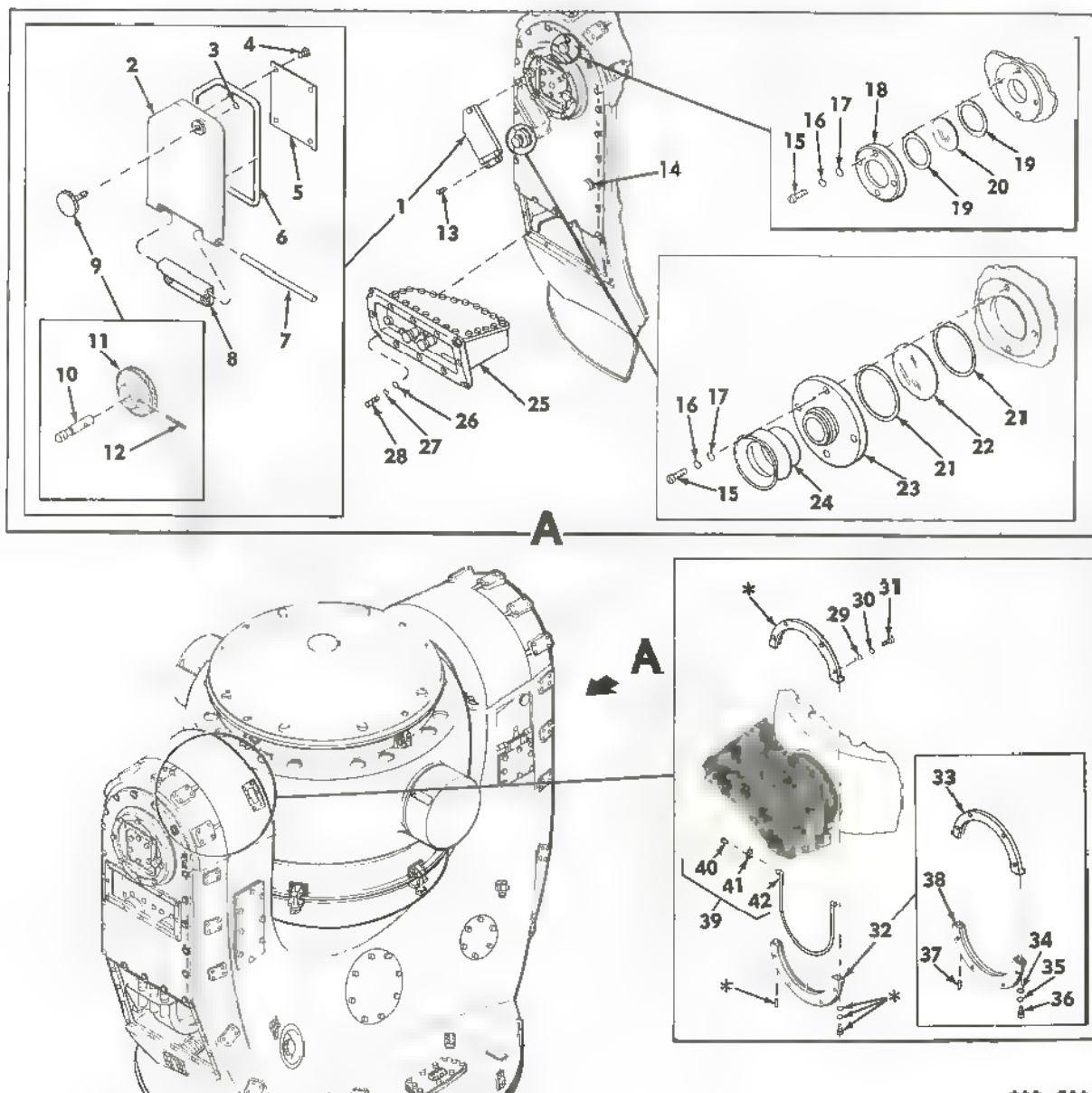




ORD G304843

1	HOLDER 9004363.....1	12	SCREW MS35265-67.....16	22	GASKET 8172834.....2
2	GASKET 8518001.....2	13	FILTER 9004366.....1	23	PLATE MOUNTING
3	HOLDER 9004362.....1	14	WASHER MS27183-8.....20		9004350.....1
4	DEFLECTOR 8511240.....2	15	WASHER MS35338-43.....20	24	SCREW MS16997-82.....16
5	GASKET 8511242.....2	16	SCREW MS35206-263.....12	25	WASHER MS35338-45.....16
6	COVER 8515263.....1	17	RETAINER 8171795.....1	26	WASHER MS27183-12.....16
7	COVER 8515264.....1	18	SCREW MS35206-262.....9	27	HOOD 10167519.....1
8	GASKET 8515265.....1	19	FRAME 8171794.....1	28	SCREW MS35206-267.....12
9	WASHER MS27183-8.....32	20	FILTER ELEMENT	29	COVER 9004340.....1
10	WASHER MS35338-43.....32	21	10167483.....1	30	FILTER 10167572.....1
11	SCREW MS35207-265.....4		GASKET 9004351.....1		

FIGURE 166. PEDESTAL, ANTENNA /8171625/-PARTIAL EXPLODED VIEW

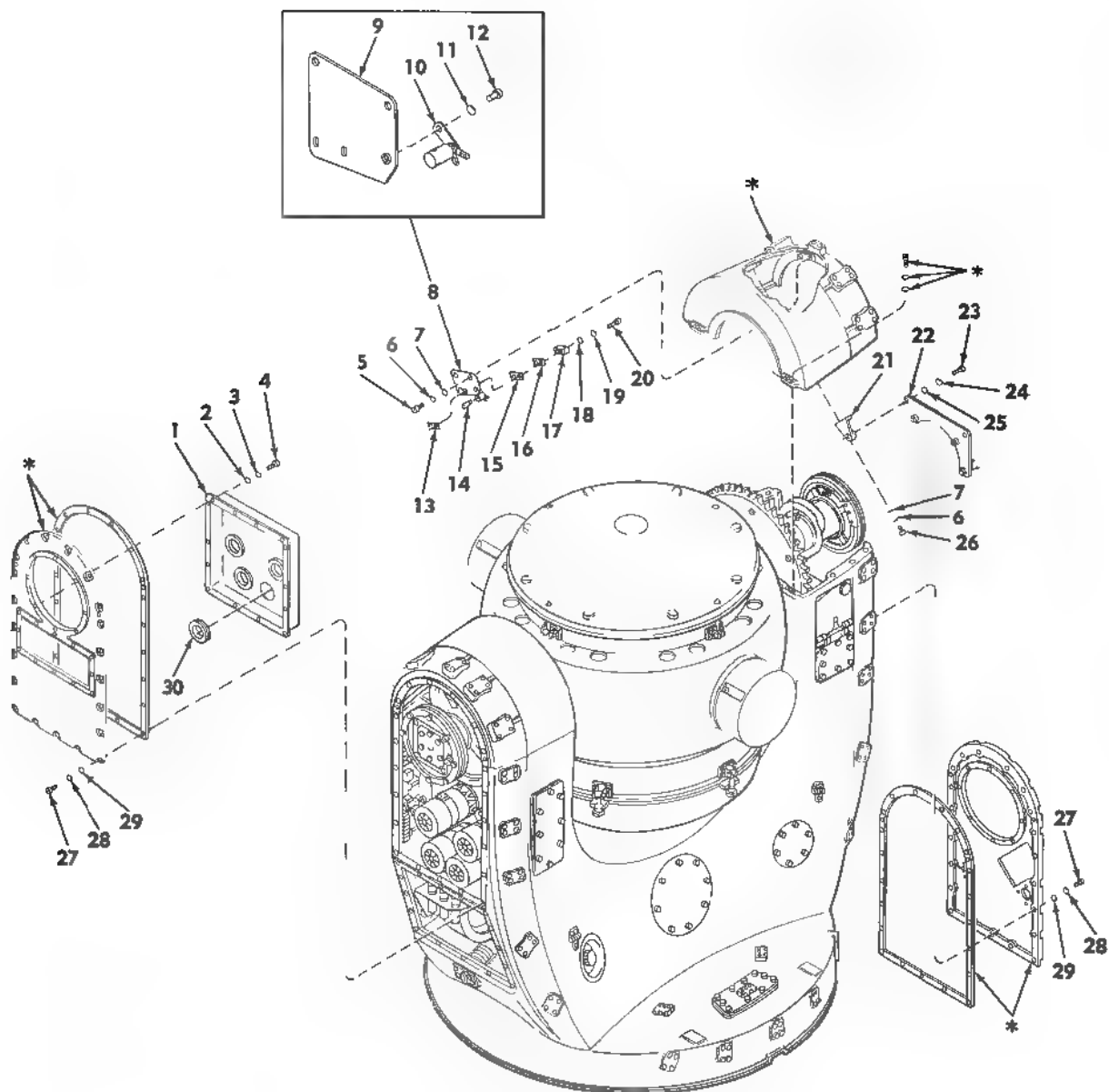


ORD G304844

1 COVER ASSEMBLY 8172241.....1	17 WASHER MS27183-5.....12	32 DEFLECTOR 8511246.....2
2 COVER 8172243.....1	18 RING 8173966.....2	33 DEFLECTOR 8511245.....1
3 PACKING AN123860.....1	19 GASKET 8173969.....4	34 WASHER MS27183-10.....2
4 SCREW MS24630-9.....4	20 WINDOW 8173968.....1	35 WASHER MS35338-44.....2
5 PLATE 9154360.....1	21 GASKET 8171771.....2	36 SCREW MS35265-83.....2
6 GASKET 8172350.....1	22 WINDOW 8171772.....1	37 PIN MS16562-224.....2
7 PIN 8172247.....1	23 RETAINER 8171773.....1	38 DEFLECTOR 8511244.....1
8 HINGE 8172245.....1	24 EYESHIELD 5039125.....1	39 SEAL 8517815.....2
9 KNOB 8172248.....1	25 LEVEL 8171987.....1	40 SCREW MS35265-12.....2
10 STD 8172250.....1	SEE FIGURE 205 FOR DETAILS	41 CLAMP 8517792.....1
11 KNOB AN525-10-30.....1	26 WASHER MS27183-12.....12	42 PACKING 8511247.....1
12 PIN MS16562-216.....1	27 WASHER MS35338-45.....12	
13 SCREW MS35190-304.....2	28 SCREW MS16997-80.....12	
14 WINDOW 8173967.....1	29 WASHER MS27183-8.....16	
15 SCREW MS35265-31.....12	30 WASHER MS35338-43.....16	
16 WASHER MS35338-41.....12	31 BOLT 443874.....16	

\* COMPONENT OF ITEM 32

FIGURE 167. PEDESTAL, ANTENNA /8171625/-PARTIAL EXPLODED VIEW

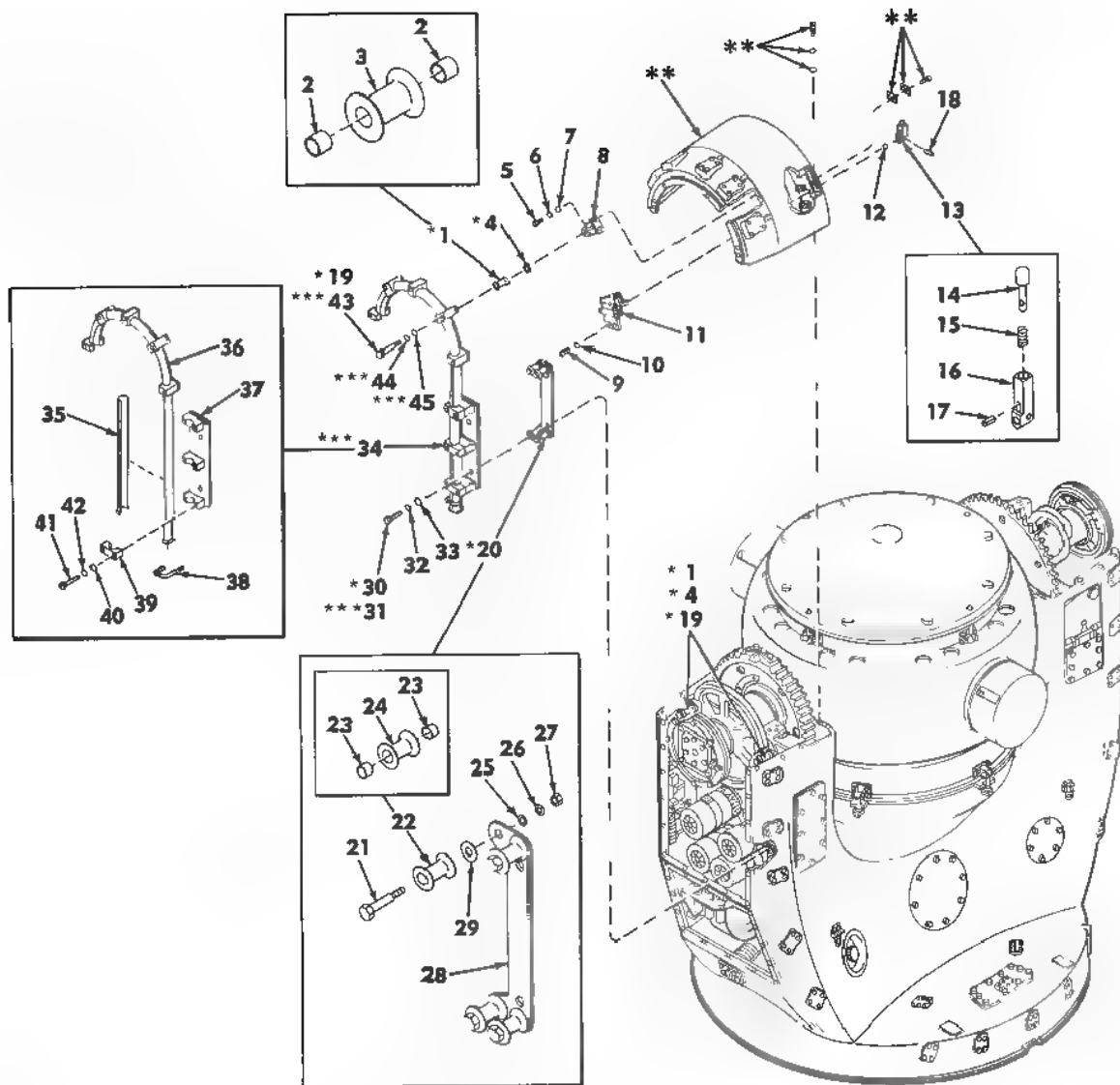


ORD G304845

1 COVER 9007820.....1	13 PLATE 8173994.....1	24 WASHER MS35338-46.....2
2 WASHER MS27183-8.....14	14 LAMP MS15571-1.....1	25 WASHER MS27183-14.....2
3 WASHER MS35338-43.....14	15 SPACER 8173526.....1	26 SCREW MS16997-61.....4
4 SCREW MS35206-263.....14	16 INSULATOR 8000726.....1	27 SCREW MS16997-81.....42
5 SCREW MS16997-59.....2	17 SWITCH 10044473.....1	28 WASHER MS35338-45.....42
6 WASHER MS35338-44.....6	18 WASHER MS27183-5.....2	29 WASHER MS27183-12.....42
7 WASHER MS27183-10.....6	19 WASHER MS35338-41.....2	30 GROMMET 8158030.....4
8 PLATE 9000058.....1	20 SCREW MS35265-35.....2	
9 PLATE 9005499.....1	21 BRACKET 8171797.....2	
10 LAMPHOLDER 9101369.....1	22 ROLLER 8171783.....1	
11 WASHER MS35338-41.....1	23 SCREW 587467.....2	
12 SCREW MS35206-226.....1		

\* COMPONENT OF PEDESTAL-  
8171633

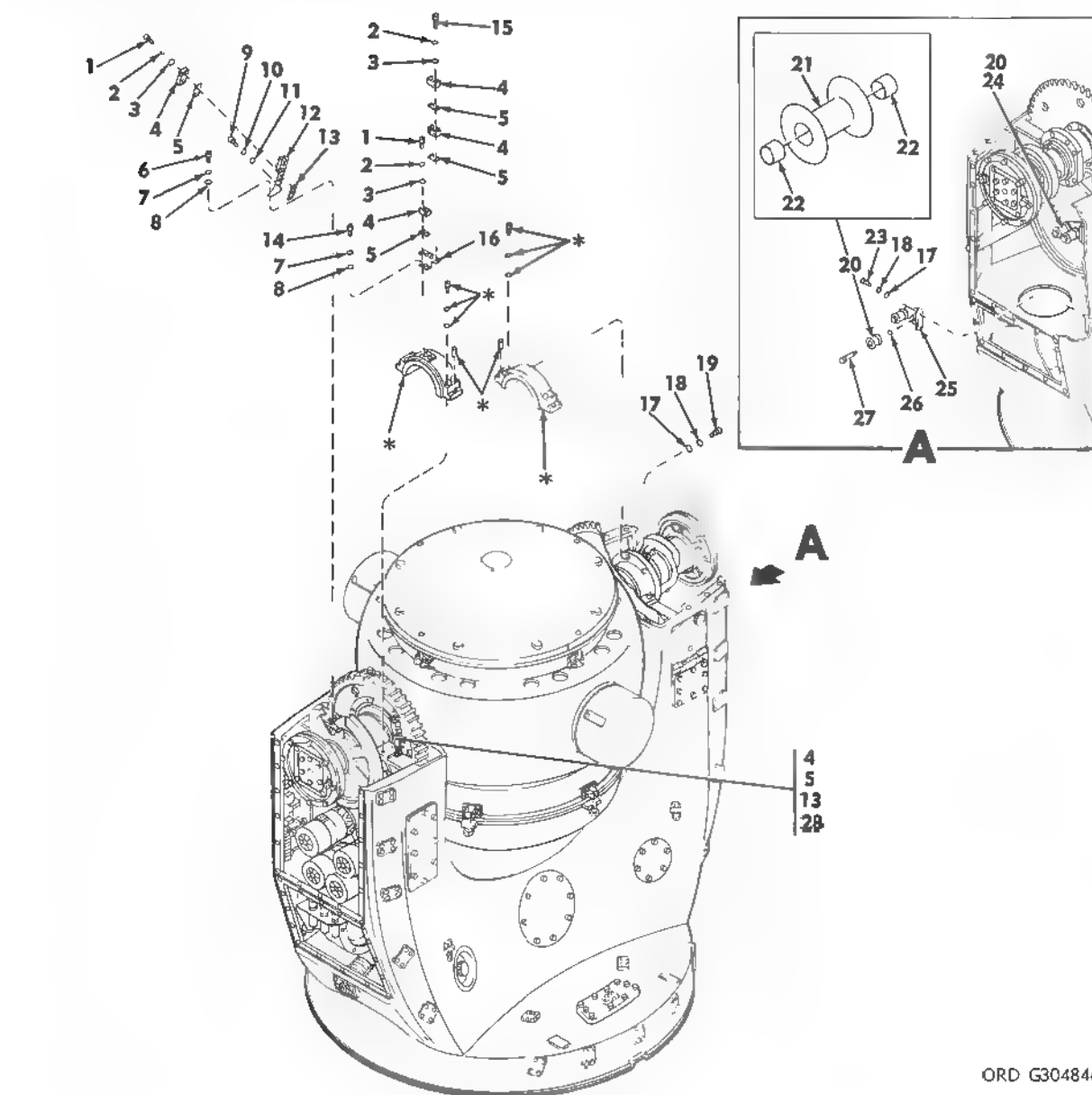
FIGURE 168. PEDESTAL, ANTENNA 8171625/-PARTIAL EXPLODED VIEW



ORD G289445

- |    |                            |                        |    |                      |                        |    |        |                           |
|----|----------------------------|------------------------|----|----------------------|------------------------|----|--------|---------------------------|
| 1  | ROLLER                     | 8171779.....5          | 18 | PIN                  | MS16562-224.....1      | 35 | GUIDE  | 10167688.....1            |
| 2  | BEARING                    | 64959-6602992-39.....2 | 19 | BOLT                 | 9007779.....5          | 36 | GUIDE  | 10167689.....1            |
|    |                            |                        | 20 | ROLLER               | 8171782.....1          | 37 | PLATE  | 10167690.....1            |
| 3  | ROLLWR                     | 8171786.....1          | 21 | BOLT                 | 8172259.....4          | 38 | CLAMP  |                           |
| 4  | SPACER                     | 9007778.....5          | 22 | ROLLER               | 8171779.....4          |    |        | WVC40TYPEF2-1-4CRES.....1 |
| 5  | SCREW                      | MS16997-61.....6       | 23 | BEARING              | 64959-6602992-39.....2 | 39 | CLAMP  | 10167687.....3            |
| 6  | WASHER                     | MS35338-44.....6       | 24 | ROLLER               | 8171786.....1          | 40 | WASHER | AN960C10L.....6           |
| 7  | WASHER                     | MS27183-10.....6       | 25 | WASHER               | MS27183-14.....4       | 41 | SCREW  | 9157788-83.....6          |
| 8  | BRACKET                    | 8171797.....3          | 26 | WASHER               | MS35338-46.....4       | 42 | WASHER | MS35338-138.....6         |
| 9  | SCREW                      | MS16997-97.....4       | 27 | NUT                  | MS1967-8.....4         | 43 | SCREW  | MS90725-70.....5          |
| 10 | WASHER                     | MS35338-46.....4       | 28 | PLATE                | 8171785.....1          | 44 | WASHER | MS35338-46.....5          |
| 11 | STOP                       | 8515248.....1          | 29 | WASHER               | 8171788.....4          | 45 | WASHER | MS27183-14.....5          |
|    | SEE FIGURE 187 FOR DETAILS |                        | 30 | SCREW                | 587467.....2           |    |        |                           |
| 12 | PACKING                    | 9003220.....1          | 31 | SCREW                | MS35297-59.....2       |    |        |                           |
| 13 | HANDLE ASSEMBLY            | 8515249.....1          | 32 | WASHER               | 120362.....2           |    |        |                           |
| 14 | PIN                        | 8515251.....1          | 33 | WASHER               | MS27183-14.....2       |    |        |                           |
| 15 | SPRING                     | 8515252.....1          | 34 | CABLE GUIDE ASSEMBLY | 10167633.....1         |    |        |                           |
| 16 | HANDLE                     | 8515250.....1          |    |                      |                        |    |        |                           |
| 17 | PIN                        | MS171591.....1         |    |                      |                        |    |        |                           |
- \* FOR SYSTEMS UP TO 1386  
 \*\* COMPONENT OF PEDESTAL-  
 8171633  
 \*\*\* FOR SYSTEMS 1386 AND UP

FIGURE 169. PEDESTAL, ANTENNA J8171425/-PARTIAL EXPLODED VIEW



ORD G304846

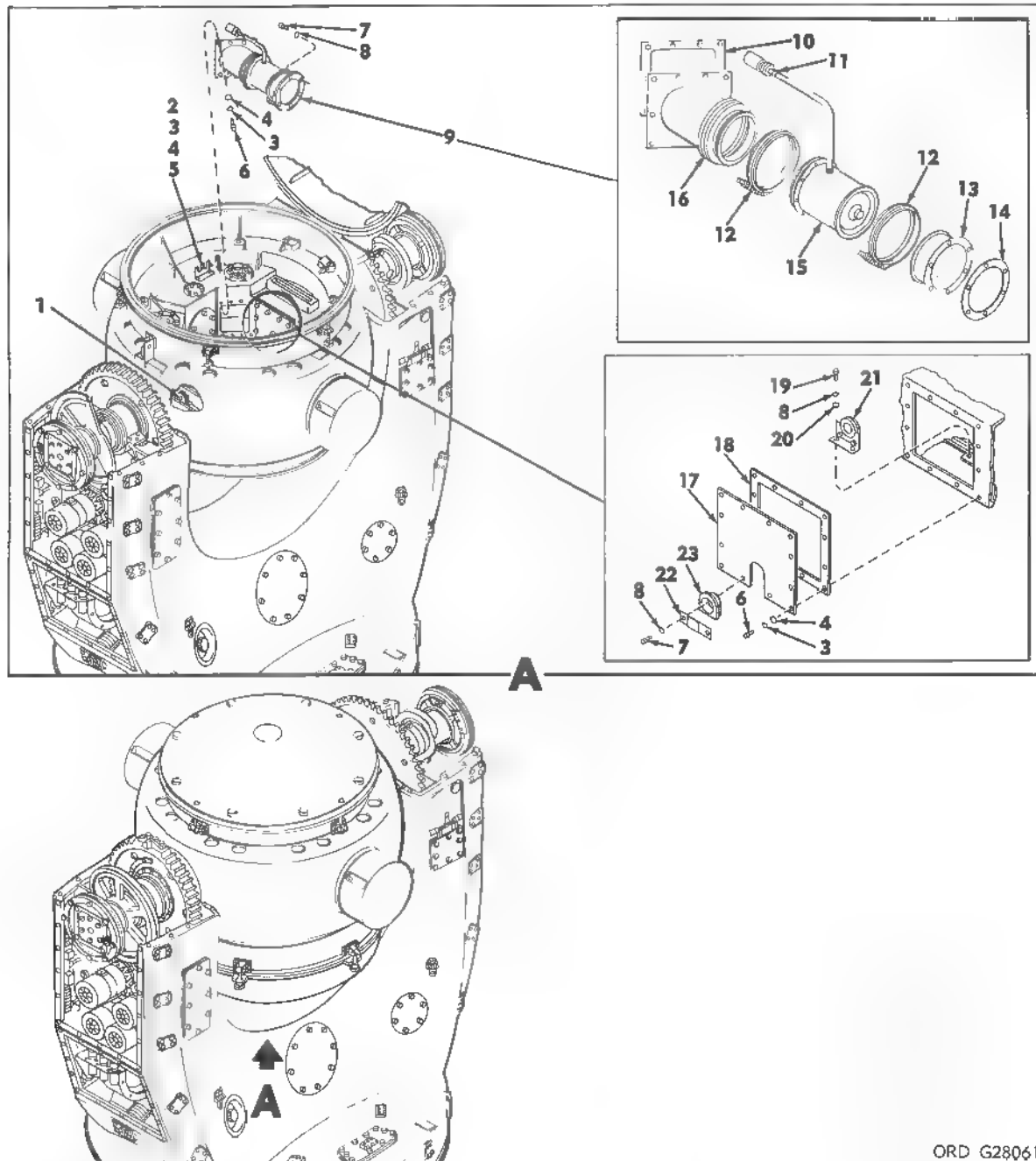
1	SCREW	8519454	10
2	WASHER	MS35338-41	12
3	WASHER	MS27183-5	12
4	SWITCH	7601946	7
5	INSULATOR	8000726	7
6	SCREW	MS16997-44	4
7	WASHER	MS35338-43	6
8	WASHER	MS27183-8	6
9	SCREW	MS16997-31	4
10	WASHER	MS35338-42	4
11	WASHER	MS35338-56	4

12	BRACKET	9010355	1
13	PLATE	9011369	4
14	SCREW	MS16997-45	2
15	SCREW	8519455	2
16	BRACKET	8517869	1
17	WASHER	MS27183-14	11
18	WASHER	120362	11
19	SCREW	MS16997-100	7
20	ROLLER	8173697	4
21	ROLLER	8173696	1
22	BEARING	8531233	2

23	SCREW	587467	4
24	BRACKET	8171798	1
25	BRACKET	8171637	1
26	WASHER	8173705	4
27	BOLT	8173704	4
28	BRACKET	9010354	1

\* COMPONENT OF PEDESTAL-  
8171633

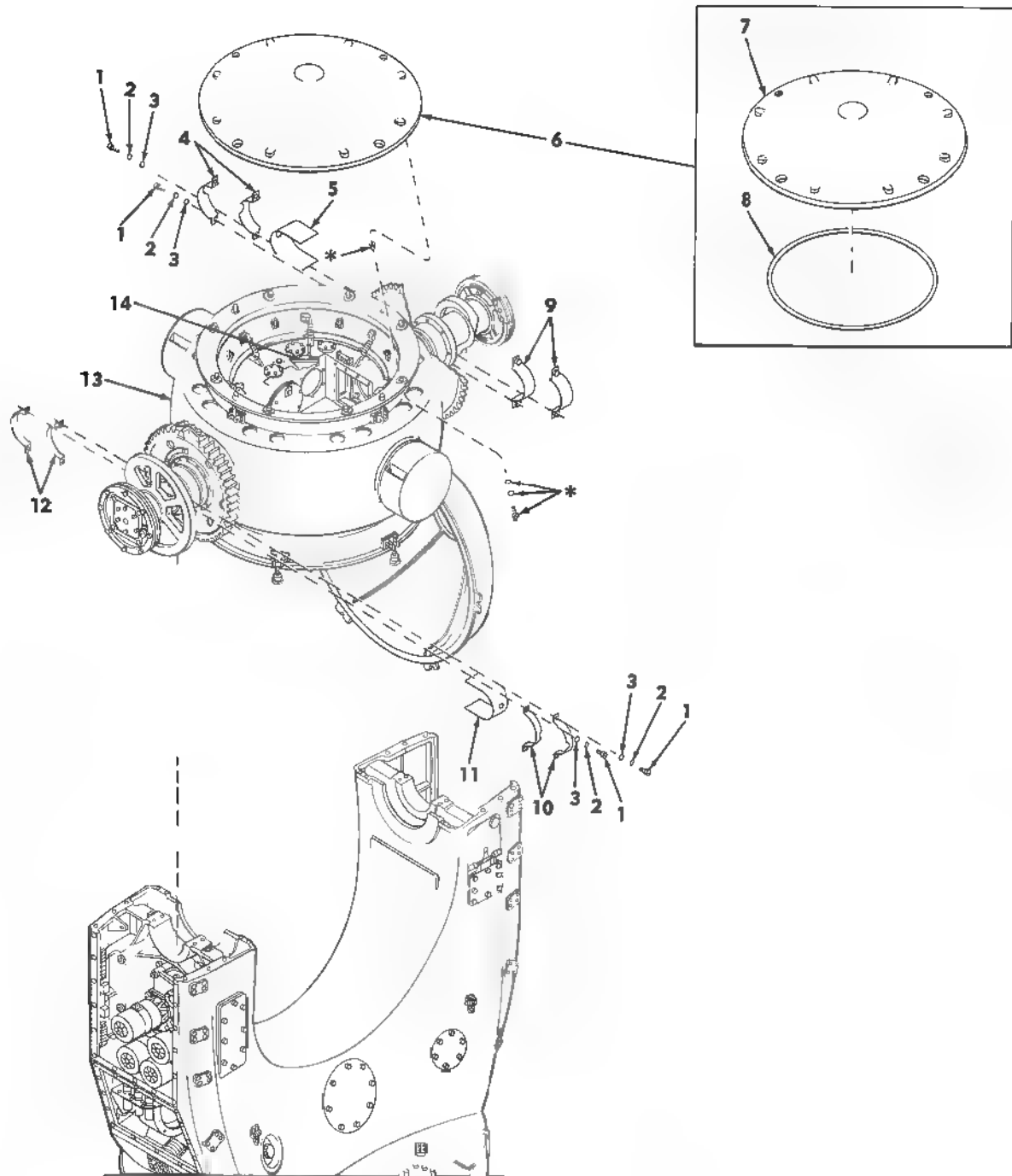
FIGURE 170. PEDESTAL, ANTENNA /8171625/-PARTIAL EXPLODED VIEW



ORD G280619

1 BRACKET 8171053.....1	9 FAN 8172392.....1	17 COVER 8171047.....1
SEE FIGURE 188 FOR DETAILS	10 GASKET 8172401.....1	18 GASKET 8171643.....1
2 SCREW MS35265-46.....4	11 PLATE 7607754.....1	19 SCREW MS35265-62.....4
3 WASHER 121814.....24	12 COUPLING 9009098.....2	20 WASHER MS27183-8.....4
4 WASHER MS35338-56.....24	13 ADAPTER 8172399.....1	21 BRACKET 8171659.....1
5 BRACKET 9159977.....1	14 GASKET 8172400.....1	SEE FIGURE 188 FOR DETAILS
6 SCREW MS35265-45.....20	15 FAN 8517073.....1	22 STRIP 8172390.....1
7 SCREW MS35265-63.....8	SEE FIGURE 189 FOR DETAILS	23 GROMMET 8171657.....1
8 WASHER MS35338-43.....12	16 ADAPTER 8172404.....1	

FIGURE 171. PEDESTAL, ANTENNA /8171625/-PARTIAL EXPLODED VIEW



ORD G304847

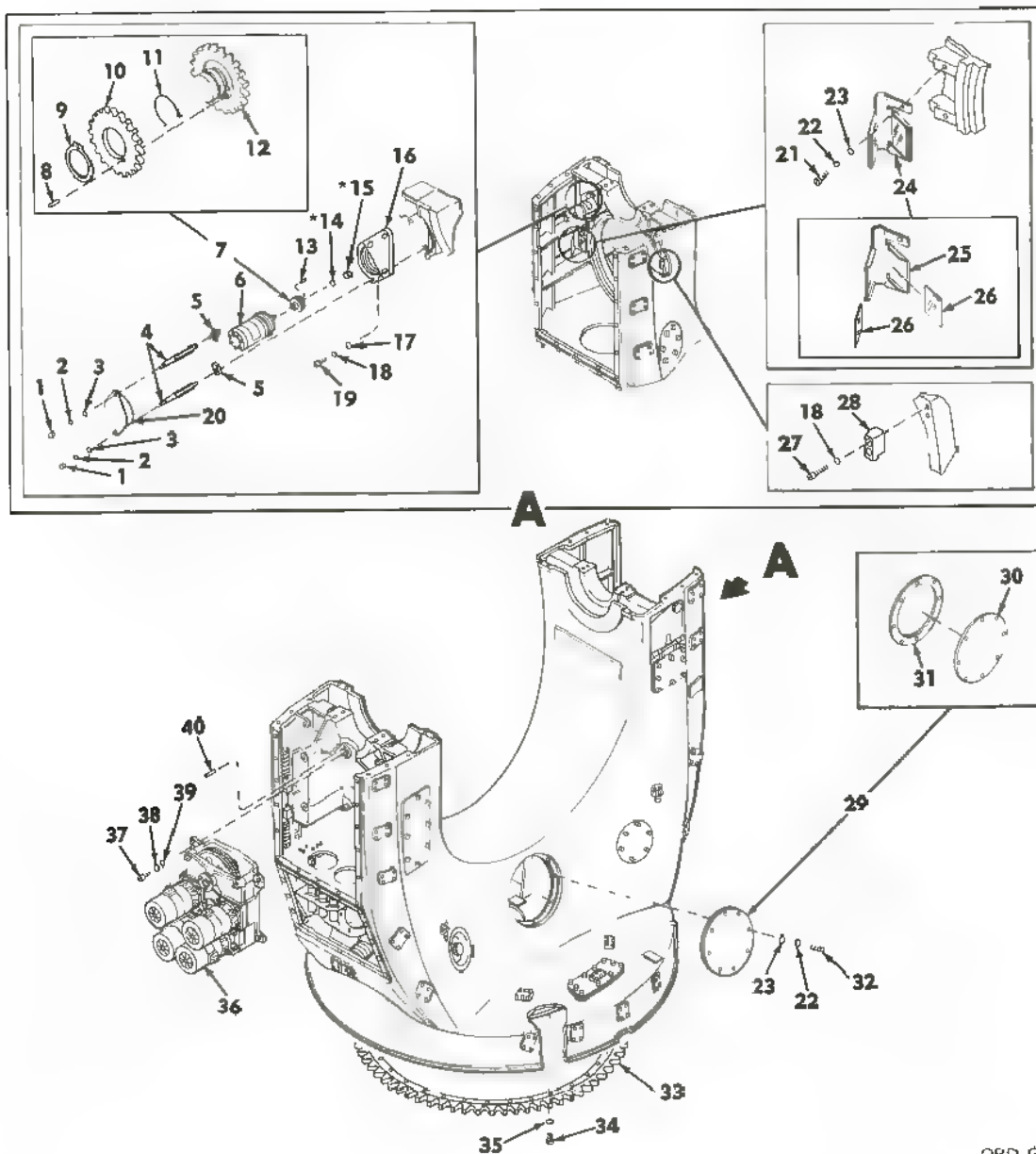
1 SCREW MS16997-64.....8  
2 WASHER MS35338-44.....8  
3 WASHER MS27183-10.....8  
4 CLAMP 8172344.....2  
5 GASKET 8171776.....1  
6 COVER 8172260.....1

7 COVER 8171755.....1  
8 SEAL 8171966.....1  
9 CLAMP 8172346.....2  
10 CLAMP 8172345.....2  
11 GASKET 8171777.....1  
12 CLAMP 8172347.....2

13 HOUSING 8171020.....1  
SEE FIGURE 192 FOR DETAILS  
14 WIRING HARNESS 8517327.....1

\* COMPONENT OF ITEM 13

FIGURE 172. PEDESTAL, ANTENNA /8171625/-PARTIAL EXPLODED VIEW



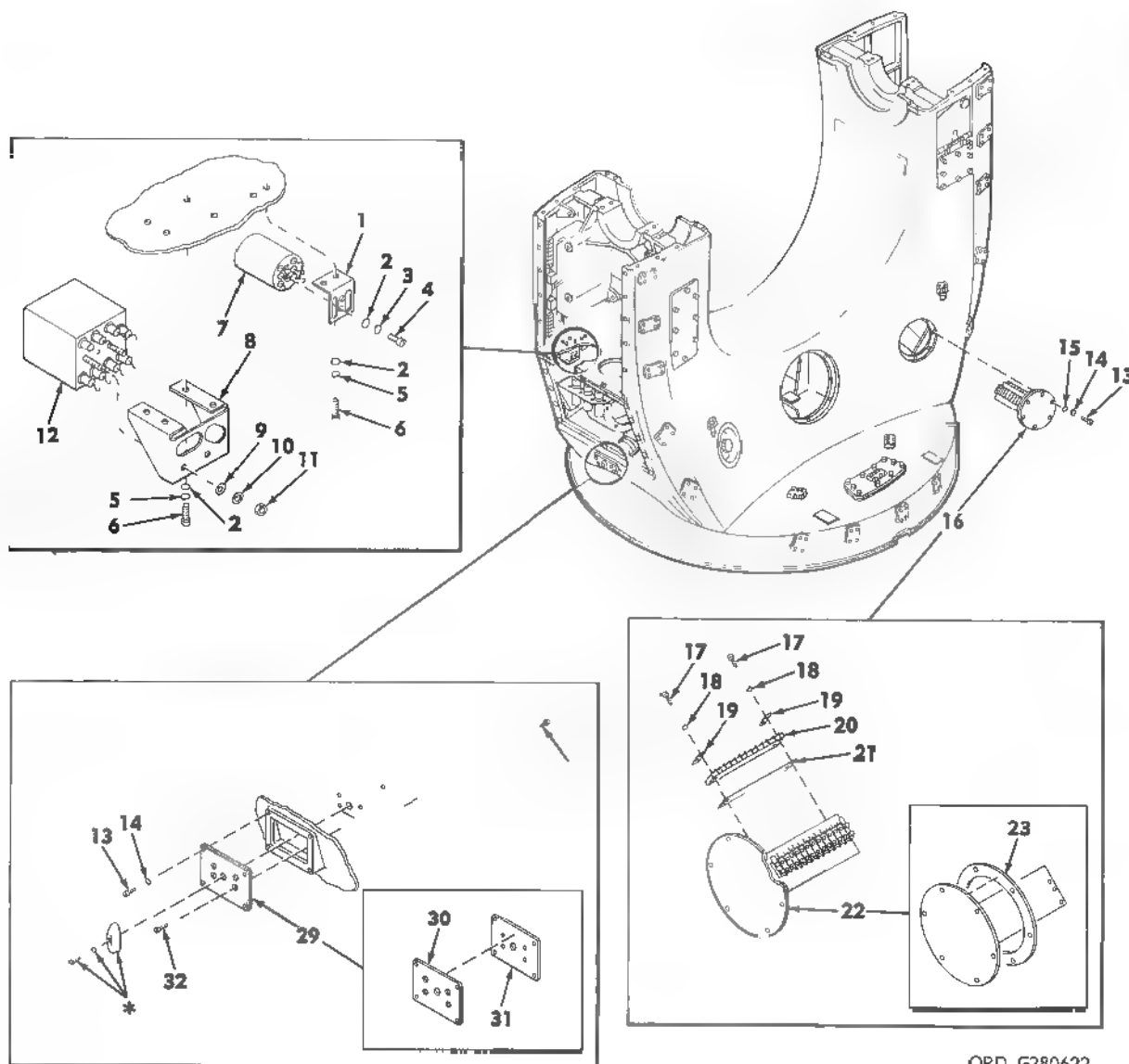
ORD G291200

1	NUT MS35649-262.....2	16	BRACKET 9136194.....1	31	GASKET 8171761.....1
2	WASHER MS3533A-41.....2	17	WASHER MS27183-10.....3	32	SCREW MS35265-64.....8
3	WASHER MS27183-5.....2	18	WASHER MS3533A-44.....7	33	GEAR 8171661.....1
4	STUD 8517345.....2	19	SCREW MS16997-61.....3	34	SCREW MS16997-80.....34
5	CLAMP 7598002.....2	20	CAP 8517342.....1	35	WASHER MS3533B-45.....34
6	SYNCHRO 23CX40.....1	21	SCREW MS35265-63.....2	36	DRIVE 8170973.....1
7	GEAR 8172141.....1	22	WASHER MS3533B-43.....10	SEE FIGURE 199 FOR DETAILS	
8	PIN 8531254.....1	23	WASHER MS27183-8.....10	37	SCREW MS90725-64.....4
9	RING MS16624-1040.....1	24	MIRROR ASSEMBLY 8171768.....1	38	WASHER 120362.....4
10	GEAR 8172139.....1	25	MOUNTING 8171769.....1	39	WASHER 8170970.....4
11	SPRING 7598419.....1	26	MIRROR 8171770.....2	40	PIN 589952.....2
12	GEAR 8172140.....1	27	SCREW MS16997-63.....4		
13	KEY 7601131.....1	28	BLOCK 8000780.....2		
14	WASHER 7667346.....1	29	COVER 8171638.....1		
15	NUT 7667347.....1	30	COVER 8171638-2.....1		

\* FURNISHED WITH ITEM 4

FIGURE 173. PEDESTAL, ANTENNA /8171625/-PARTIAL EXPLODED VIEW



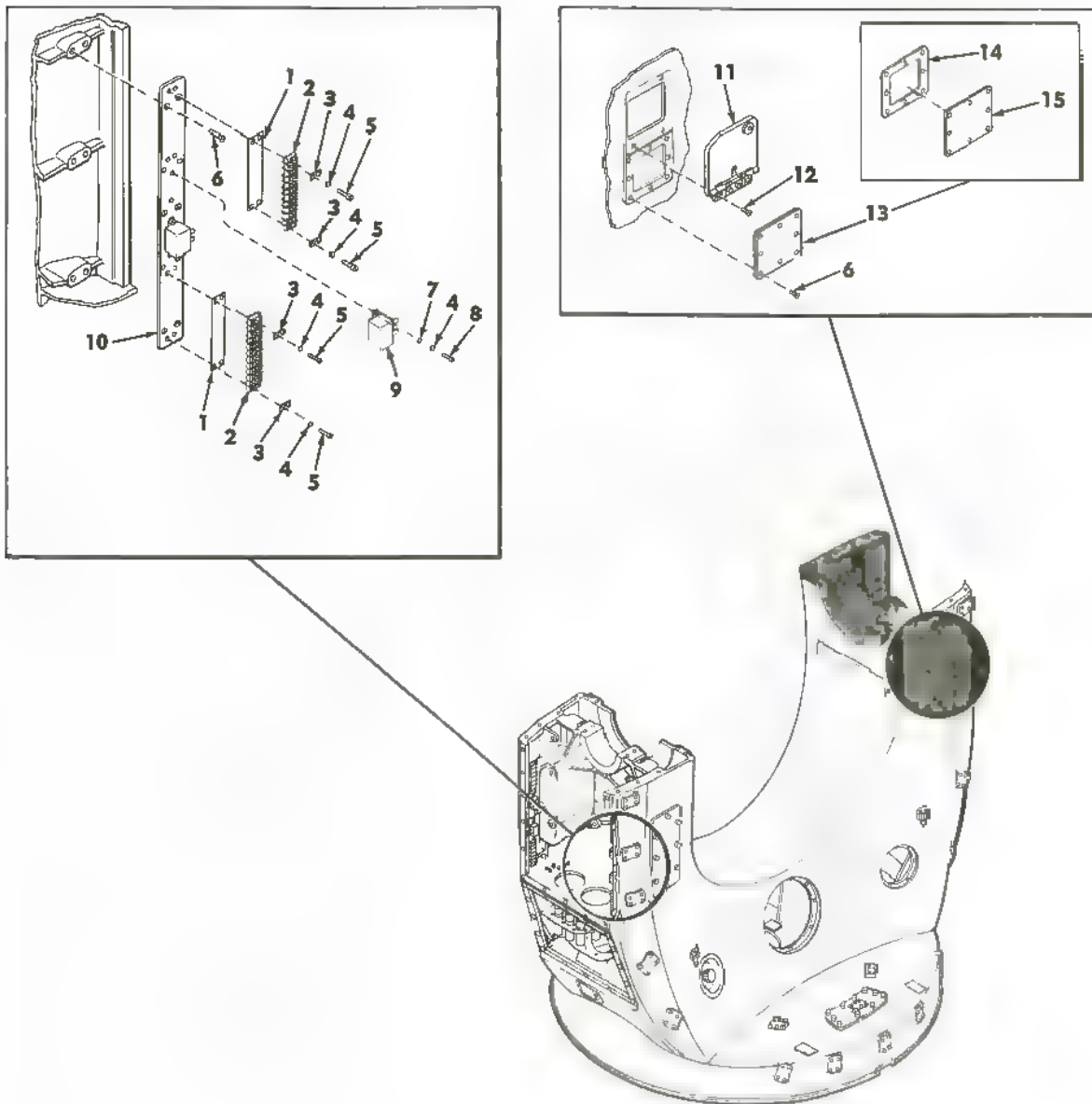


ORD G280622

1 BRACKET 8158215.....1	13 SCREW MS35265-64.....10	24 MOUNTING 8518199.....1
2 WASHER MS27183-5.....8	14 WASHER MS35338-43.....10	25 SWITCH 8519278.....1
3 WASHER MS35338-40.....2	15 WASHER MS27183-8.....6	26 SCREW MS35265-79.....4
4 SCREW MS35265-13.....2	16 TERMINAL BOARD 8173490.....1	27 WASHER MS35338-44.....4
5 WASHER MS35338-41.....8	17 SCREW MS35265-32.....8	28 WASHER AN960-416.....4
6 SCREW MS35265-30.....6	18 WASHER MS35338-41.....8	29 COVER 8518200.....1
7 TRANSFORMER T605338.....1	19 PLATE 7622474.....4	30 COVER 8518202.....1
8 BRACKET 8158212.....1	20 TERMINAL BOARD	31 GASKET 8518201.....1
9 WASHER MS35338-56.....2	MIL T55164-38TB12.....2	32 SCREW MS35190-272.....4
10 WASHER MS35338-42.....2	21 INSULATOR 7612516.....2	
11 NUT MS35649-282.....2	22 COVER 8173496.....1	
12 TRANSFORMER T605333.....1	23 GASKET 8171763.....1	

\* FURNISHED WITH ITEM 25

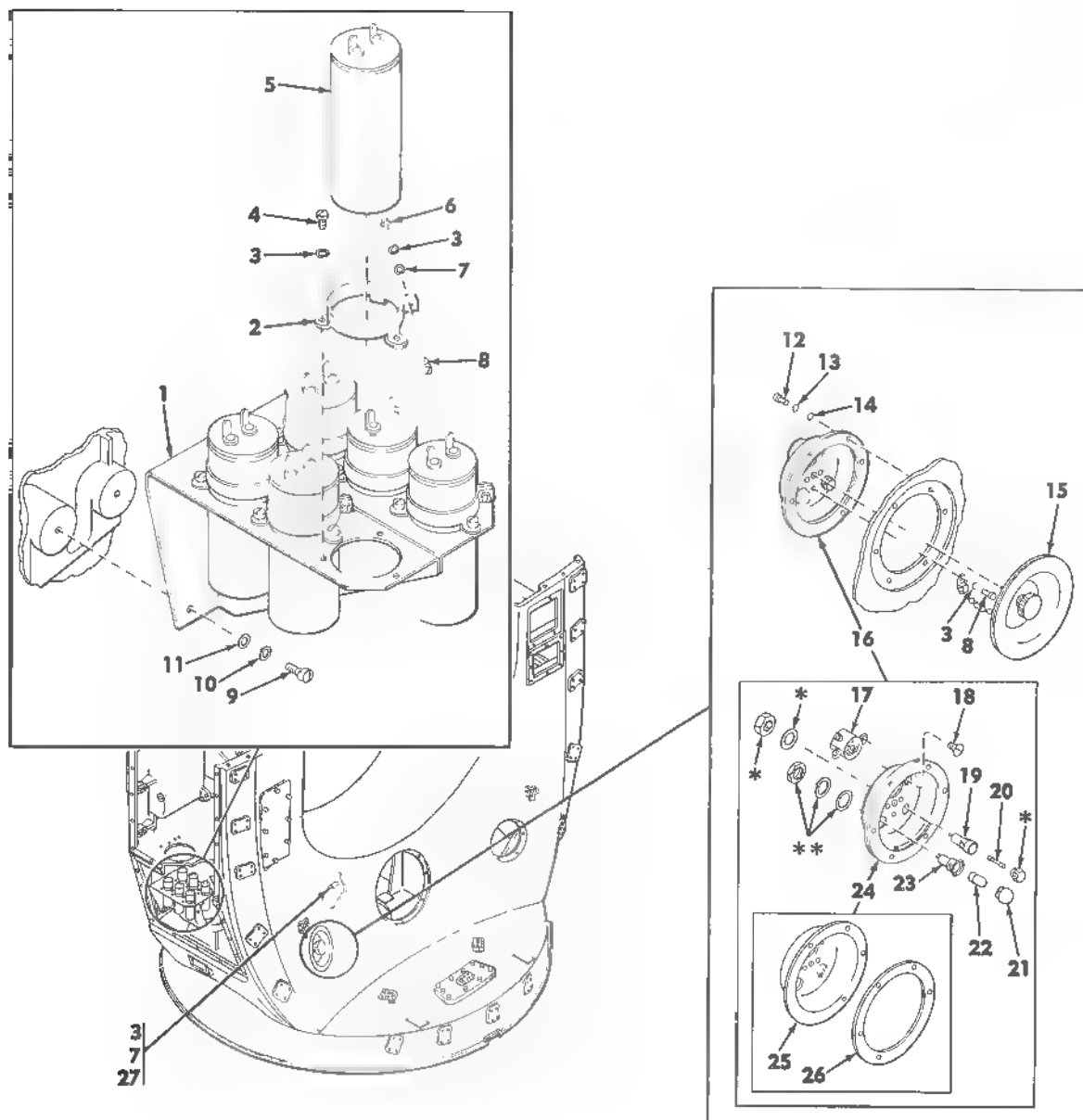
FIGURE 174. PEDESTAL, ANTENNA 78171625/-PARTIAL EXPLODED VIEW



MS 280623A

1 INSULATOR 8012432.....4	7 WASHER MS27183-5.....8	12 SCREW MS35190-304.....2
2 TERMINAL BOARD 38TB10.....4	8 SCREW MS35265-30.....8	13 COVER 8171764.....1
3 PLATE 7622474.....8	9 CAPACITOR CP 53B1EF504K1.....4	14 GASKET 8171765.....1
4 WASHER MS35338-41.....24	10 PLATE 8172428.....2	15 COVER 8171764-2.....1
5 SCREW MS35265-32.....16	11 COVER 8172240.....1	
6 SCREW MS35190-269.....20	SEE FIGURE 202 FOR DETAILS	

FIGURE 175. PEDESTAL, ANTENNA /8171625/-PARTIAL EXPLODED VIEW

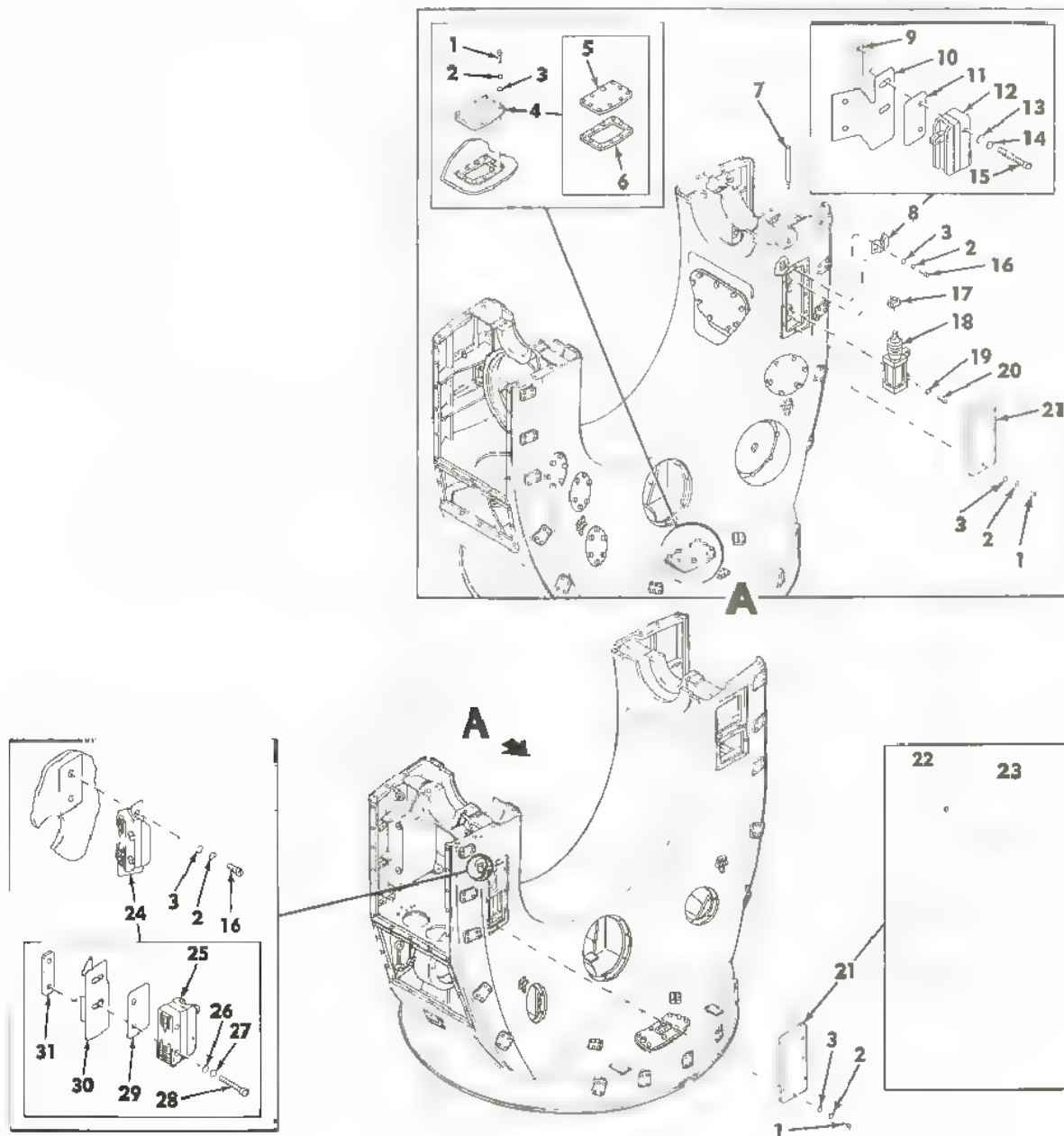


ORD G280624

1 BRACKET 8517794.....1	12 SCREW MS35265-64.....6	22 LAMP 7605718.....1
2 RETAINER 9003964.....6	13 WASHER MS35338-43.....6	23 LIGHT 8328095.....1
3 WASHER MS35338-42.....26	14 WASHER MS27183-8.....6	24 PANEL 9005402.....1
4 SCREW MS35265-42.....18	15 COVER 8173504.....1	25 PANEL 9005401.....1
5 CAPACITOR 8516203.....6	SEE FIGURE 190 FOR DETAILS	26 GASKET 8171763.....1
6 NUT MS35649-282.....6	16 CONNECTOR 9005403.....1	27 TERMINAL 7620161.....1
7 WASHER MS35338-56.....7	17 CONNECTOR 9191667.....1	
8 SCREW MS35265-45.....7	18 SCREW MS35190-250.....2	
9 SCREW MS35265-81.....4	19 FUSEHOLDER FM26W.....1	
10 WASHER MS35338-44.....4	20 FUSE F068250V3A.....1	
11 WASHER MS27183-10.....4	21 LENS 8328096.....1	

\* FURNISHED WITH ITEM 19  
\*\* FURNISHED WITH ITEM 23

FIGURE 176. PEDESTAL, ANTENNA 78171625/-PARTIAL EXPLODED VIEW



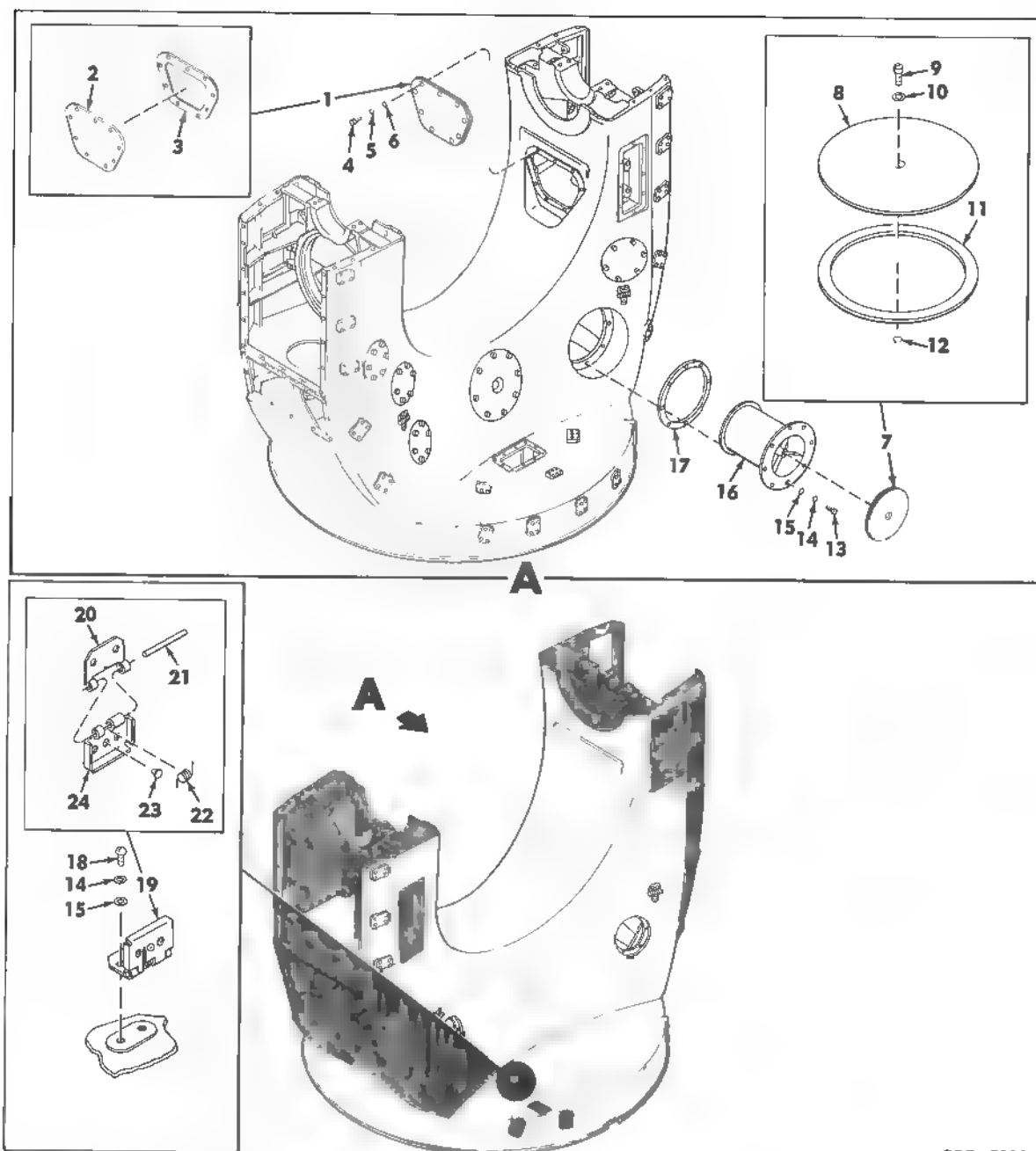
ORD G280625

1 SCREW MS35265-64.....26  
 2 WASHER MS35338-43.....30  
 3 WASHER MS27183-8.....30  
 4 COVER 8171859.....1  
 5 COVER 8171859-2.....1  
 6 GASKET 8171760.....1  
 7 PIN 8171775.....2  
 8 SWITCH 8159173.....1  
 9 PLATE 8173994.....1  
 10 BRACKET 8159171.....1  
 11 INSULATOR 8000726.....1

12 SWITCH 7601946.....1  
 13 WASHER MS27183-6.....2  
 14 WASHER MS35338-41.....2  
 15 SCREW AN500A6-18.....2  
 16 SCREW MS35265-61.....4  
 17 ARM 8173701.....2  
 18 SHOCK ABSORBER 9136192.....2  
 SEE FIGURE 218 FOR DETAILS  
 19 WASHER 120362.....4  
 20 SCREW MS16997-101.....4  
 21 COVER 8171766.....2

22 GASKET 8171767.....1  
 23 COVER 8171766-2.....1  
 24 SWITCH 8159172.....1  
 25 SWITCH 7601946.....1  
 26 WASHER MS27183-6.....2  
 27 WASHER MS35338-41.....2  
 28 SCREW AN500A6-18.....2  
 29 INSULATOR 8000726.....1  
 30 BRACKET 8159170.....1  
 31 PLATE 8173994.....1

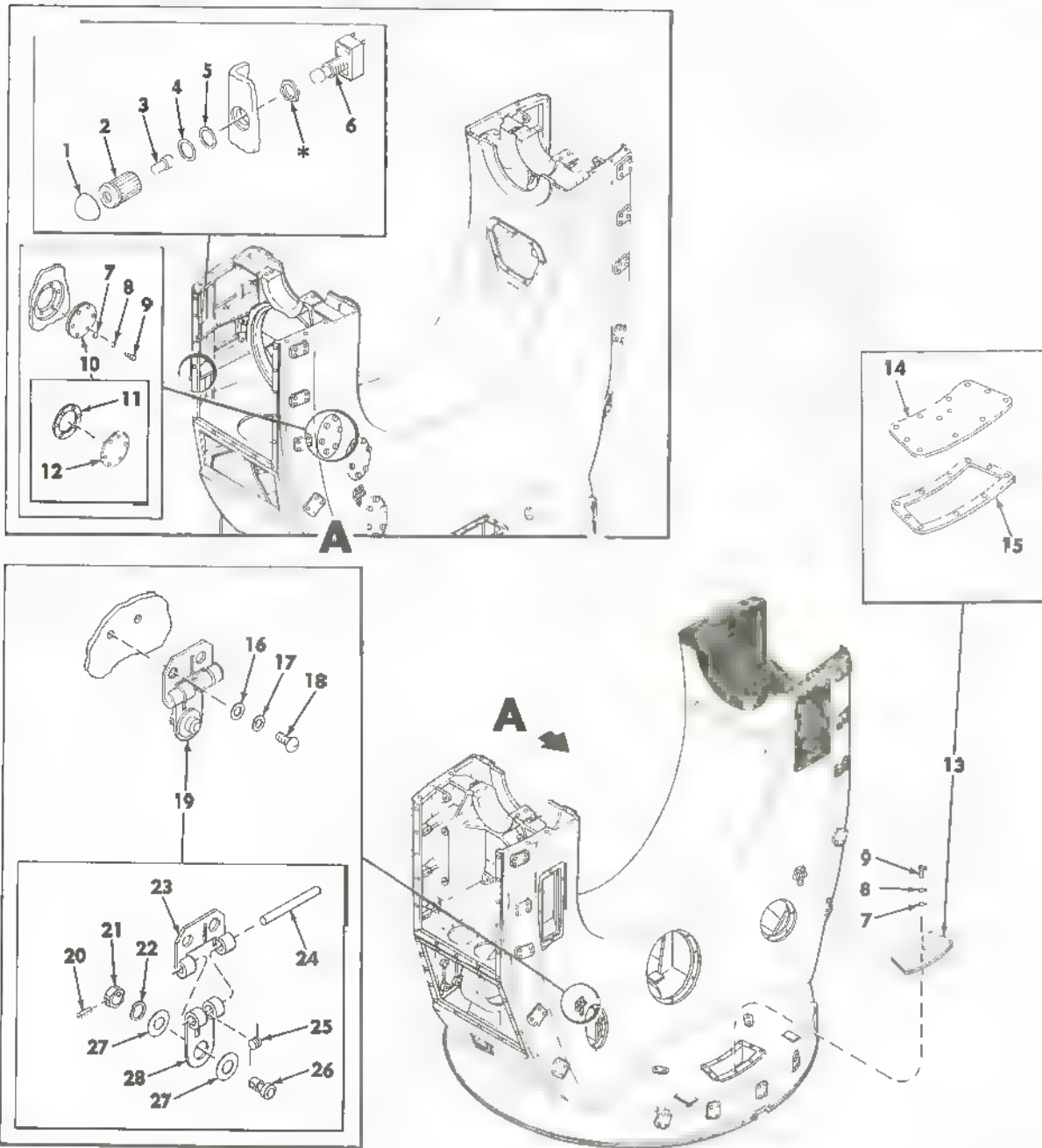
FIGURE 177. PEDESTAL, ANTENNA /8171625/-PARTIAL EXPLODED VIEW



ORD G280626

1 COVER 8171790.....1	10 PACKING 8034450.....1	18 SCREW MS35206-280.....12
2 COVER 8171790-2.....1	11 GASKET 8172536.....1	19 HINGE 8516966.....6
3 GASKET 8171791.....1	12 RING MS16624-1037.....1	20 LEAF 8516959.....1
4 SCREW MS35265-64.....9	13 SCREW MS35265-81.....8	21 PIN 8516961.....1
5 WASHER MS35338-43.....9	14 WASHER MS35338-64.....20	22 SPRING 8516960.....1
6 WASHER MS27183-8.....9	15 WASHER MS27183-10.....20	23 PIN 8516970.....1
7 COVER 8172811.....1	16 FAN 8516219.....1	24 LEAF 8516967.....1
8 COVER 8172535.....1	SEE FIGURE 191 FOR DETAILS	
9 BOLT 8172537.....1	17 GASKET 8172538.....1	

FIGURE 178. PEDESTAL, ANTENNA /8171625/-PARTIAL EXPLODED VIEW



ORD G280627

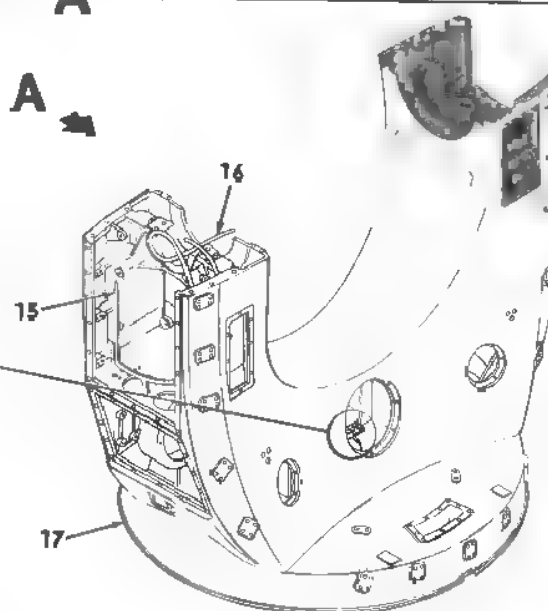
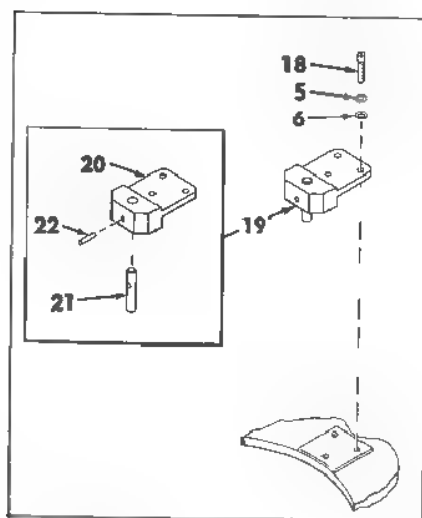
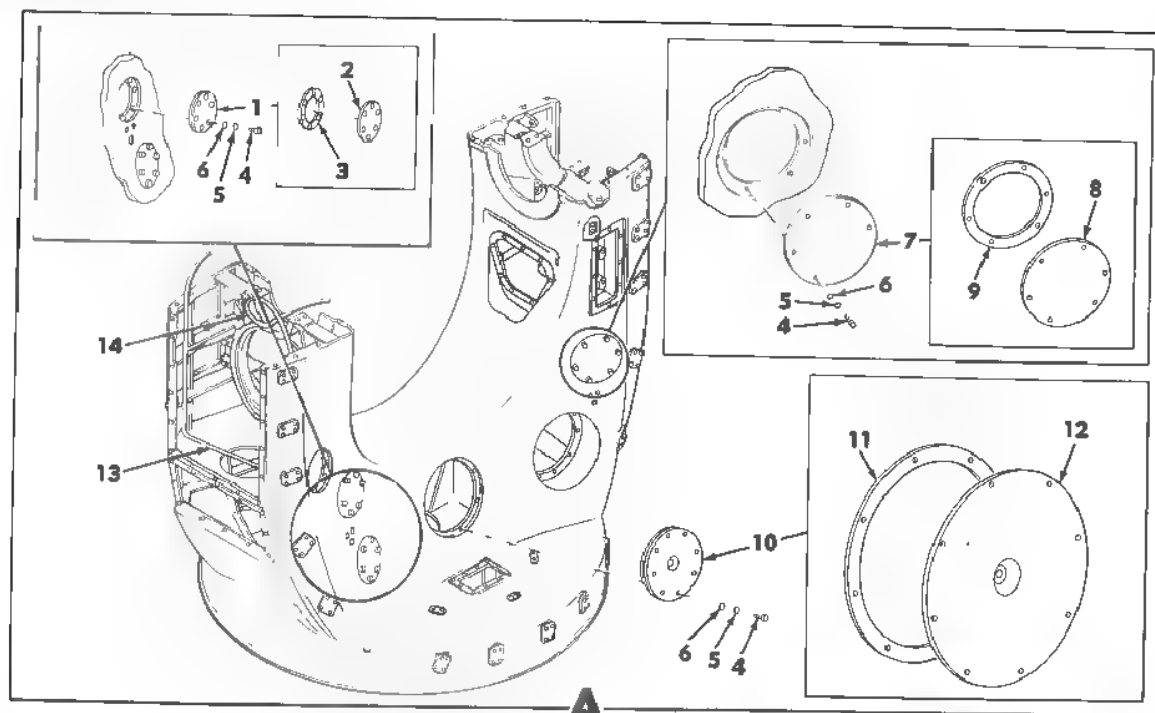
1 CAP 8175371.....1  
2 ADAPTER 8172387.....1  
3 PIN 8172386.....1  
4 SPACER 8000715.....1  
5 GASKET 8000716.....1  
6 SWITCH 7206K4.....1  
7 WASHER MS27183-8.....16  
8 WASHER MS35338-43.....16  
9 SCREW MS35265-64.....16  
10 COVER 8172953.....1  
11 GASKET 8172954.....1

12 COVER 8172953-2.....1  
13 COVER 8171639.....1  
14 COVER 8171639-2.....1  
15 GASKET 8171759.....1  
16 WASHER MS27183-10.....8  
17 WASHER MS35338-44.....8  
18 SCREW MS35206-280.....8  
19 HINGE 8516958.....4  
20 PIN MS16562-227.....1  
21 COLLAR 8516964.....1  
22 WASHER MS35338-43.....1

23 LEAF 8516968.....1  
24 PIN 8516961.....1  
25 SPRING 8516969.....1  
26 PIN 8516962.....1  
27 WASHER 8516963.....2  
28 LEAF 8516965.....1

\* FURNISHED WITH ITEM 6

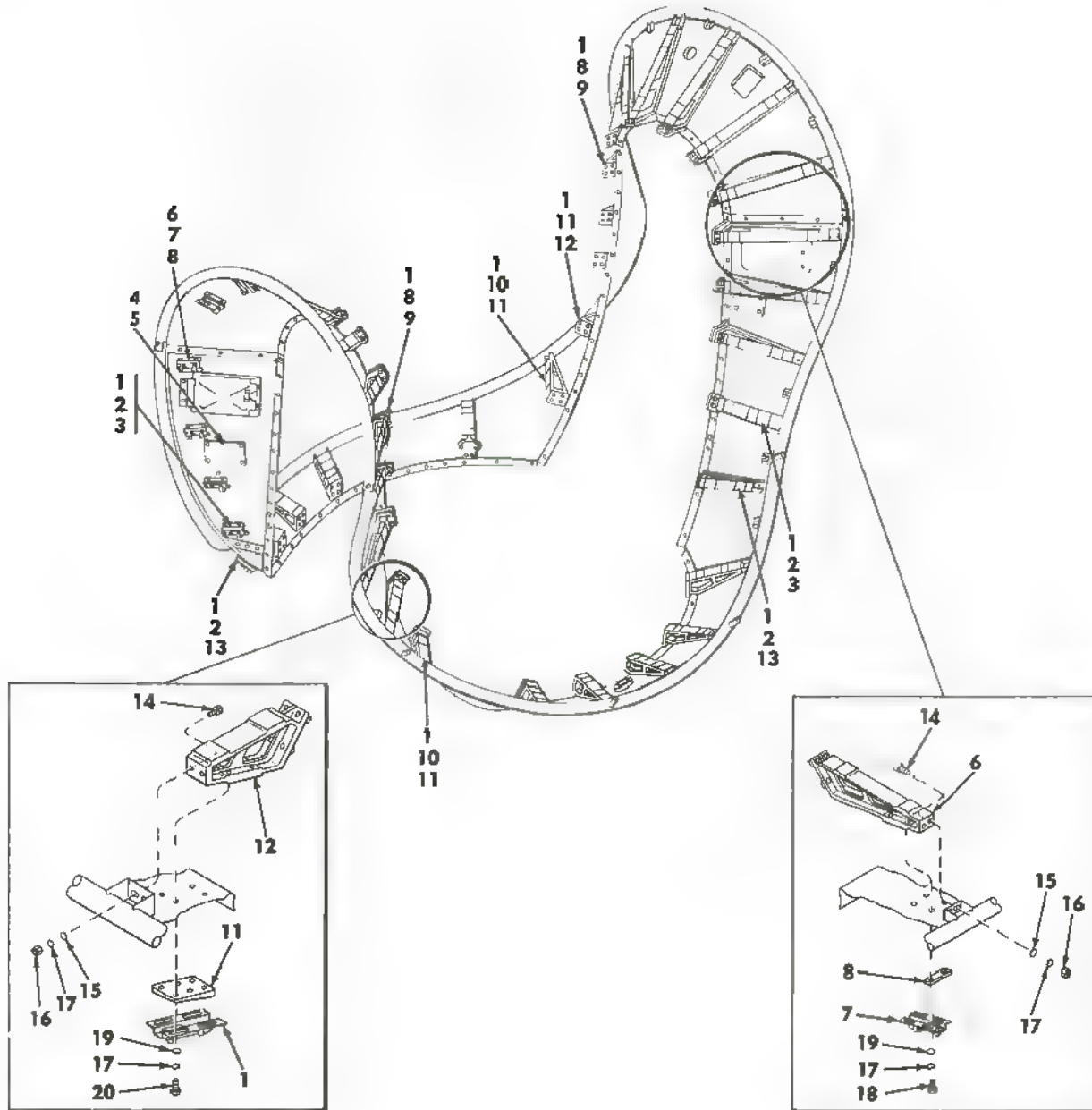
FIGURE 179. PEDESTAL, ANTENNA /8171625/-PARTIAL EXPLODED VIEW



ORD G280628

- |                            |                                 |                            |
|----------------------------|---------------------------------|----------------------------|
| 1 COVER 8171640.....2      | 13 WIRING HARNESS 8173305.....1 | 17 PEDESTAL 8171633.....1  |
| 2 COVER 8171640-2.....1    | SEE FIGURE 278, NUMBER 17       | SEE FIGURE 203 FOR DETAILS |
| 3 GASKET 8172258.....1     | FOR DETAILS                     |                            |
| 4 SCREW MS35265-64.....26  | 14 WIRING HARNESS 8173306.....1 | 18 SCREW MS16997-45.....3  |
| 5 WASHER MS35338-43.....29 | SEE FIGURE 278, NUMBER 12       | 19 ARM 8171860.....1       |
| 6 WASHER MS27193-A.....29  | FOR DETAILS                     | 20 ARM 8171861.....1       |
| 7 COVER 8172257.....1      | 15 WIRING HARNESS 8173308.....1 | 21 PIN 8171862.....1       |
| 8 COVER 8172257-2.....1    | SEE FIGURE 278, NUMBER 13       | 22 PIN MS16562-217.....1   |
| 9 GASKET 8172258.....1     | FOR DETAILS                     |                            |
| 10 COVER 8172389.....1     | 16 WIRING HARNESS 8173307.....1 |                            |
| 11 GASKET 8171761.....1    | SEE FIGURE 278, NUMBER 19       |                            |
| 12 COVER 8172388.....1     | FOR DETAILS                     |                            |

FIGURE 180. PEDESTAL, ANTENNA /8171625/-PARTIAL EXPLODED VIEW

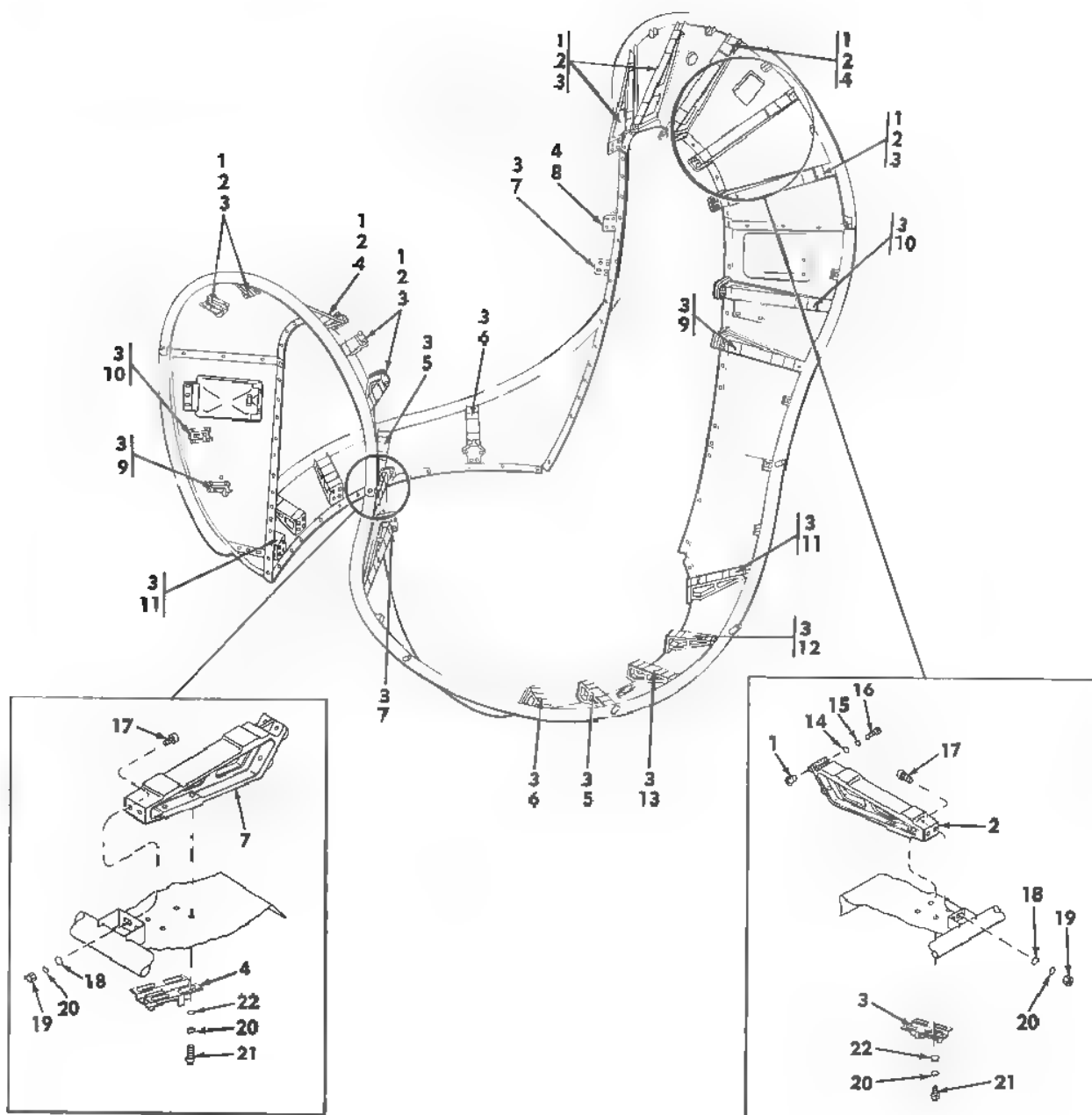


ORD G304848

1 FASTENER 8517911.....10	8 PLATE 8518995.....8	15 WASHER MS27183-10.....24
2 SEE FIGURE 185 FOR DETAILS	9 SUPPORT 8174264.....2	16 NUT MS51967-2.....24
3 BLOCK 8174282.....4	10 SUPPORT 8174256.....2	17 WASHER MS35338-44.....72
4 SUPPORT 8174257.....2	11 BLOCK 8174283.....4	18 SCREW MS35206-283.....8
5 RIVET 588436.....4	12 SUPPORT 8174258.....2	19 WASHER AN960-416.....48
6 PLATE 8518876.....1	13 SUPPORT 8174255.....2	20 SCREW MS35206-285.....40
7 SUPPORT 8174263.....2	14 SCREW MS16997-63.....24	
8 FASTENER 8517818.....2		
9 SEE FIGURE 185 FOR DETAILS		

FIGURE 181. FRAME, RADOME /9005564/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 165 FOR NEXT HIGHER ASSEMBLY/





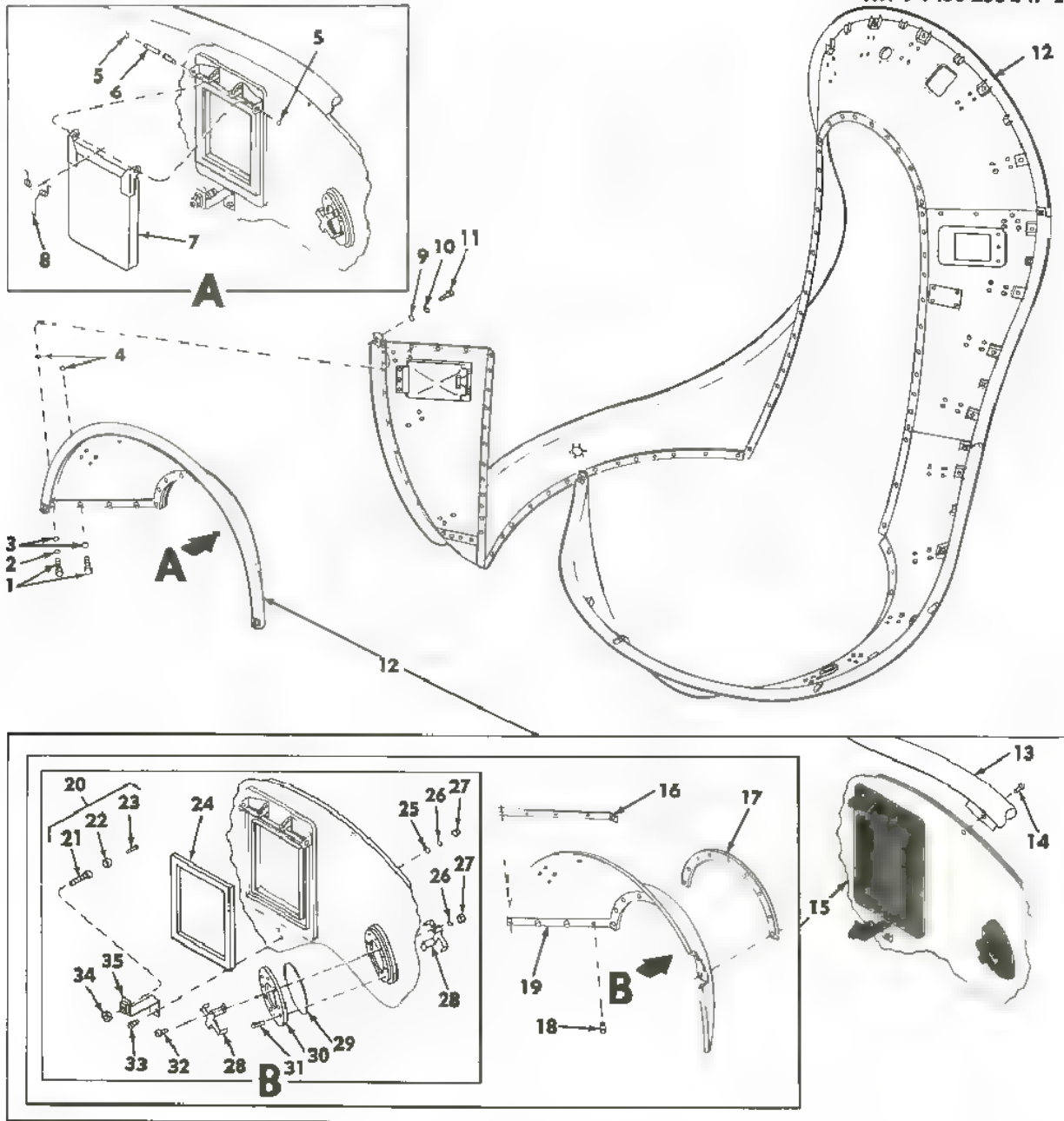
ORD G304849

1	CLIP	8515446	40
2	SUPPORT	8159406	10
3	FASTENER	8517911	24
	SEE FIGURE 185 FOR DETAILS		
4	FASTENER	8517818	4
	SEE FIGURE 185 FOR DETAILS		
5	SUPPORT	8174252	2
6	SUPPORT	9140190	2

7	SUPPORT	9005560	2
8	SUPPORT	9005562	2
9	SUPPORT	9005559	2
10	SUPPORT	9005561	2
11	SUPPORT	9140189	2
12	SUPPORT	8174251	2
13	SUPPORT	8174250	2
14	WASHER	MS27183-12	40

15	WASHER	MS35338-45	40
16	SCREW	9000707	40
17	SCREW	MS16997-63	56
18	WASHER	MS27183-10	56
19	NUT	MS51967-2	56
20	WASHER	MS35338-44	168
21	SCREW	MS35206-282	112
22	WASHER	AN960-416	112

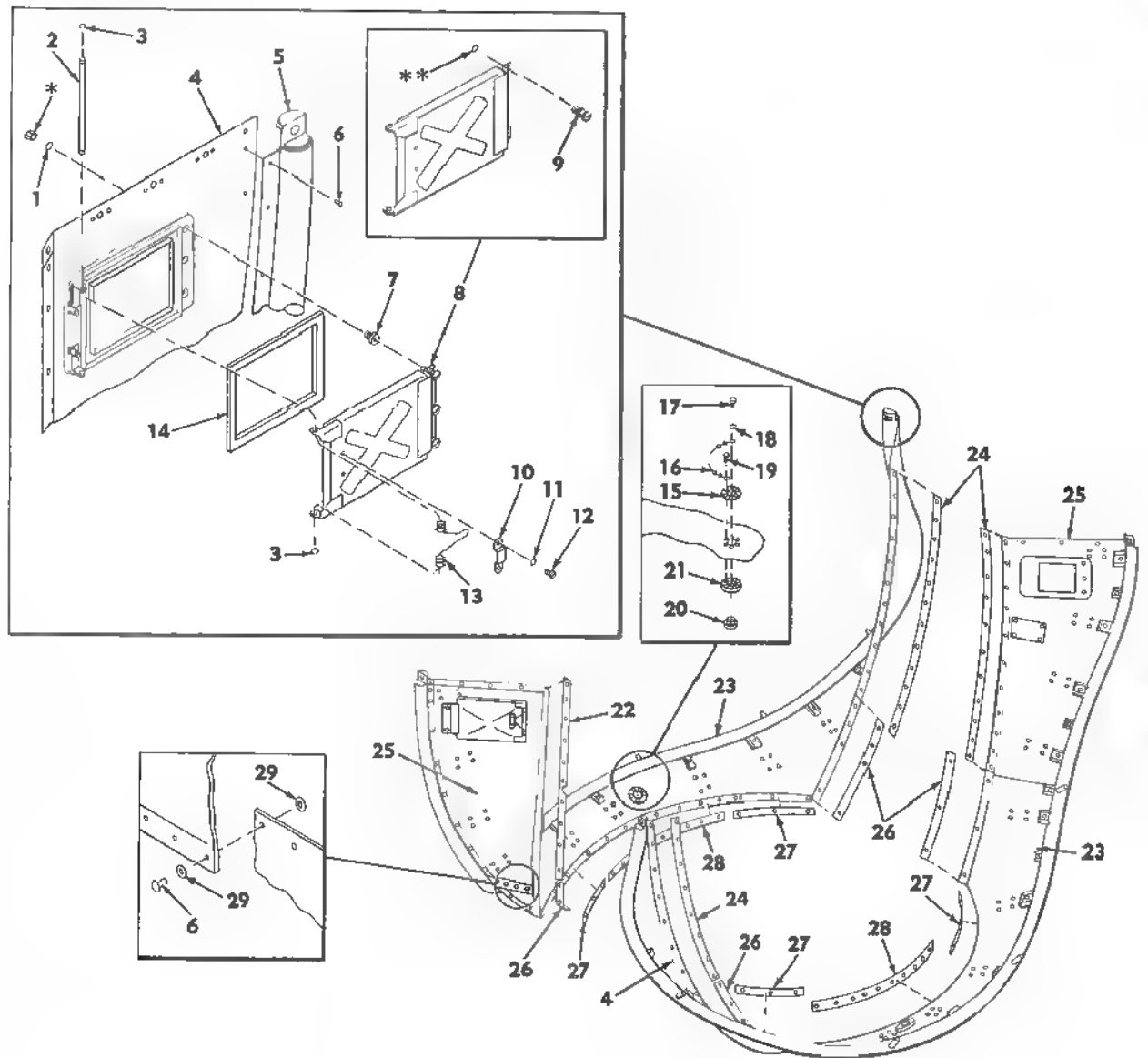
FIGURE 182. FRAME, RADOME /9005564/-PARTIAL EXPLODED VIEW



ORD G304850

1 BOLT 8511119.....16	15 SHEET 900555B.....1	26 WASHER MS35338-41.....4
2 WASHER MS35338-44.....4	16 GASKET 8511122.....2	27 NUT MS35649-262.....4
3 WASHER MS27183-10.....16	17 GASKET 8511133.....1	28 SUPPORT 8518996.....2
4 PACKING 9000709.....16	18 BUSHING 8511124.....8	29 DISK 8511104.....1
5 RING MS16624-101B.....4	19 COVER 9005557.....1	30 RETAINER 9007732.....1
6 PIN 8511102.....2	20 BUMPER 8518999.....1	31 RIVET MS20470B4-9.....8
7 DOOR 8511099.....2	21 SCREW 8518998.....1	32 SCREW MS35265-34.....2
8 SPRING 8511107.....2	22 BUMPER 9000709.....1	33 SCREW MS35265-29.....2
9 WASHER MS27183-16.....4	23 SCREW MS35206-230.....1	34 NUT MS51967-2.....1
10 WASHER MS35338-47.....4	24 GASKET 8511101.....1	35 BRACKET 8518997.....1
11 BOLT 8511128.....4	25 WASHER MS27183-6.....2	
12 FRAME 9996344.....2		
13 FRAME 8511131.....1		
14 RIVET MS20470A6-A.....13		

FIGURE 183. FRAME, RADOME /9005564/-PARTIAL EXPLODED VIEW

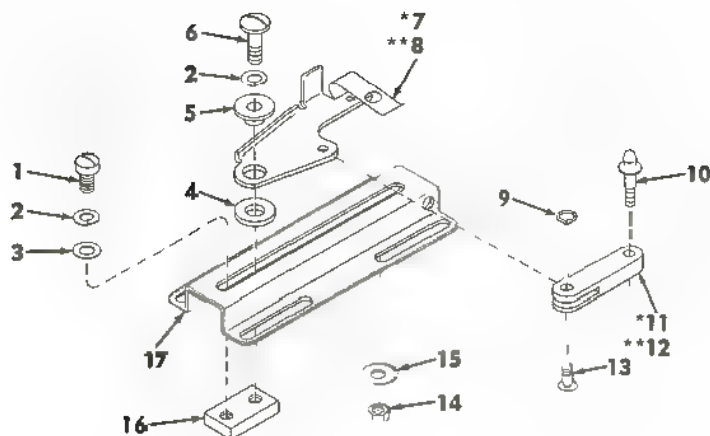


ORD G304851

1 WASHER 8174278.....12	12 SCREW MS35206-242.....8	24 GASKET 8511134.....3
2 PIN 8511116.....4	13 SPRING 8511115.....4	25 SECTION 9005556.....2
3 RING MS16624-1018.....8	14 GASKET 8511110.....4	26 GASKET 8511200.....4
4 RADOME SECTION 9005565.....2	15 RING 8511196.....2	27 GASKET 8511135.....4
5 FRAME 8511132.....2	16 CHAIN ASSEMBLY 9003823.....2	28 SEAL 8511136.....2
6 RIVET 588460.....78	17 SCREW MS 35206-213.....2	29 WASHER 8216679.....32
7 RECEPTACLE 9003201.....12	18 WASHER MS35338-40.....2	
8 DOOR 8511114.....4	19 RIVET MS20426AD4-10.....12	
9 STUD ASSEMBLY 9003202.....3	20 PLUG 8511198.....2	
10 CLAMP 8511113.....4	21 RING 8511197.....2	
11 WASHER MS35338-42.....78	22 GASKET 8511199.....1	
	23 RADOME SECTION 9005563.....2	

\* FURNISHED WITH ITEM 7  
\*\* FURNISHED WITH ITEM 9

FIGURE 184. FRAME, RADOME /9005564/-PARTIAL EXPLODED VIEW

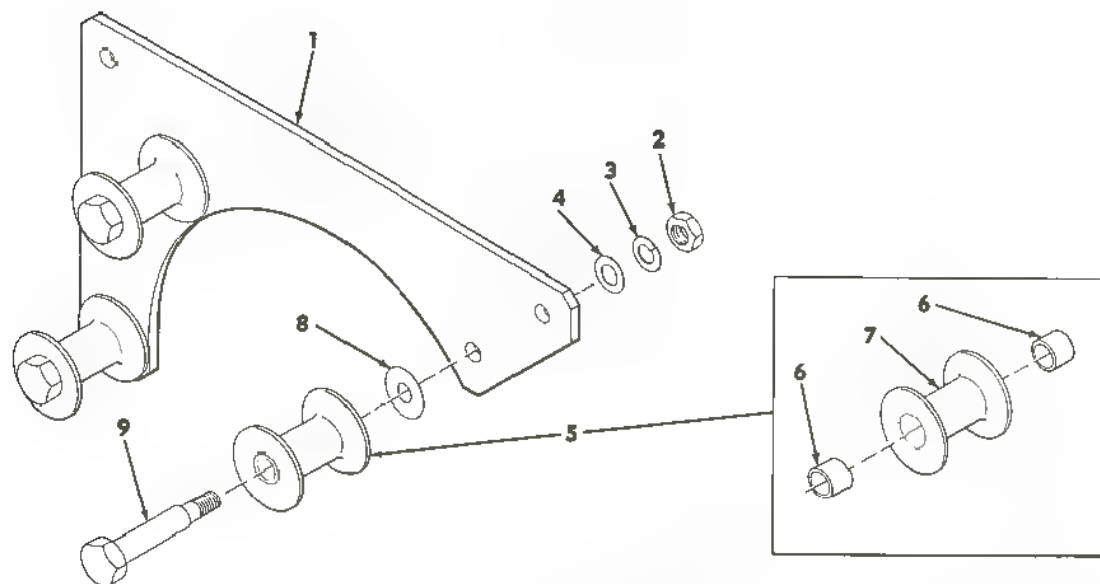


ORD G304852

1 SCREW MS35265-79.....1	9 RING MS16624-18.....1	16 BLOCK 8517826.....1
2 WASHER MS35338-44.....2	10 PIN 8517822.....1	17 BRACKET 8517819.....1
3 WASHER MS27183-10.....1	11 CONNECTING LINK 8517821.....1	
4 WASHER 8517824.....1	12 LINK 8517830.....1	
5 BUSHING 8517823.....1	13 PIN 8517825.....1	
6 SCREW MS51957-81.....1	14 NUT MS21044N08.....1	
7 LEVER 8519606.....1	15 WASHER 8517820.....1	
8 LEVER AND SPRING ASSEMBLY 8519607.....1		

\* COMPONENT OF FASTENER-  
8517818  
\*\* COMPONENT OF FASTENER-  
8517911

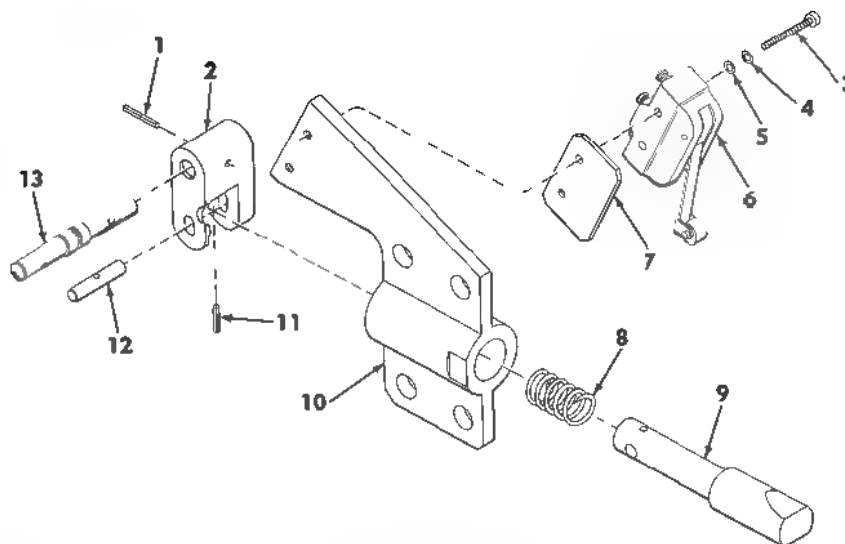
FIGURE 185. FASTENER, FLAP /8517818 AND 8517911/-EXPLODED VIEW  
/SEE FIGURES 181 AND 182 FOR NEXT HIGHER ASSEMBLY/



ORD G304853

1 PLATE 8171784.....1	5 ROLLER 8173697.....3	8 WASHER 8173705.....3
2 NUT MS51967-8.....3	6 BEARING 8531233.....2	9 BOLT 8173704.....3
3 WASHER MS35338-46.....3	7 ROLLER 8173696.....1	
4 WASHER MS27183-14.....2		

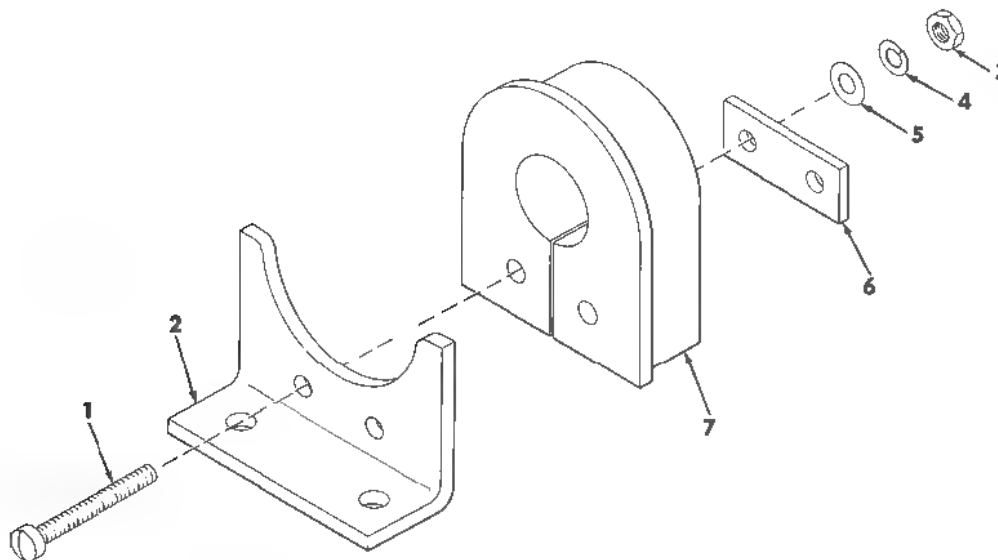
FIGURE 186. ROLLER /8171783/-EXPLODED VIEW  
/SEE FIGURE 168 FOR NEXT HIGHER ASSEMBLY/



ORD G304854

1	PIN MS16562-224.....1	6	SWITCH M8805-1-024.....1	11	PIN MS16562-214.....1
2	CLFVIS 8515255.....1	7	INSULATOR 8000726.....1	12	PIN 8515256.....1
3	SCREW 9000724.....2	8	SPRING 8515259.....1	13	SHAFT 8515254.....1
4	WASHER MS35338-41.....2	9	PIN 8515258.....1		
5	WASHER MS27183-6.....2	10	HOUSING 8515260.....1		

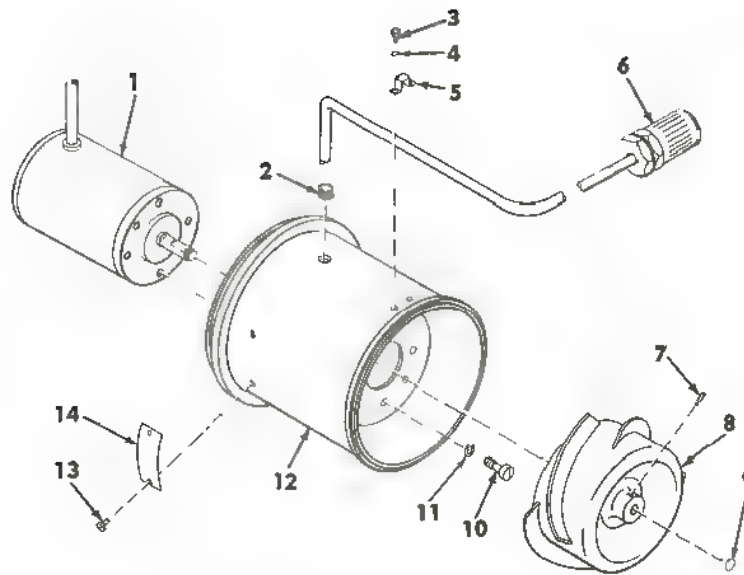
FIGURE 187. STOP /8515248/-EXPLODED VIEW  
/SEE FIGURE 169 FOR NEXT HIGHER ASSEMBLY/



MS 304855A

1	SCREW MS35265-35.....2
2	BRACKET 8171052.....1
3	NUT MS35649-262.....2
4	WASHER MS35338-41.....2
5	WASHER MS27183-6.....2
6	STRIP 8171054.....1
7	GROMMET 8171051.....1

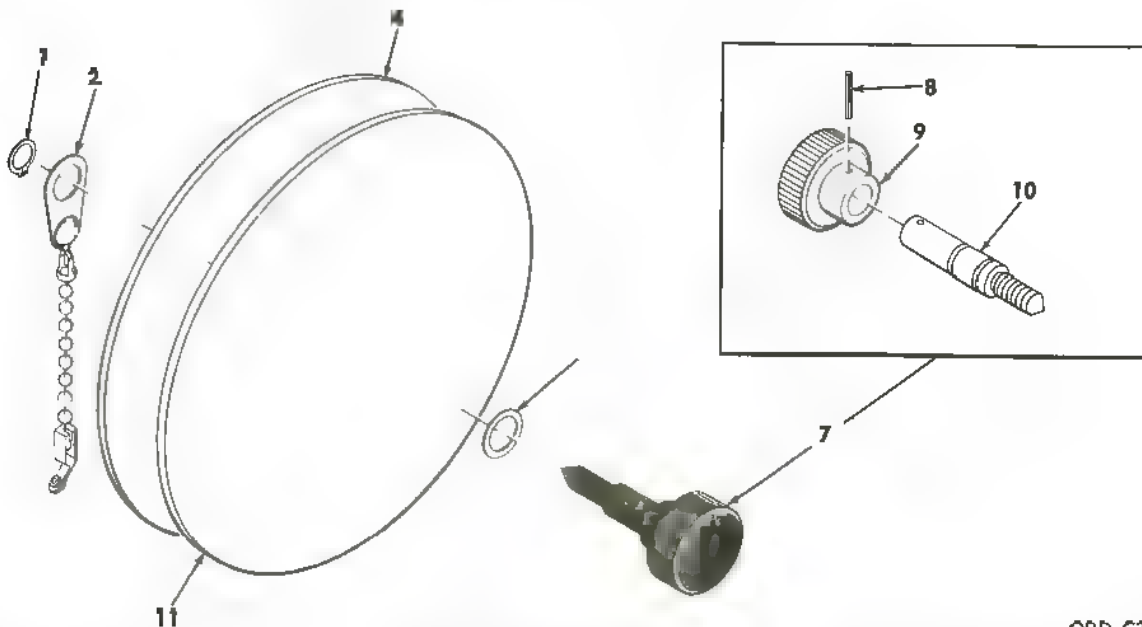
FIGURE 188. BRACKET /8171053 AND 8171659/-EXPLODED VIEW  
/SEE FIGURE 171 FOR NEXT HIGHER ASSEMBLY/



ORD G304856

1	MOTOR	32537-X904-237.....1	6	CONNECTOR	32537-A91503-1.....1	11	WASHER	32537-21PX20.....6
2	GREYMEY	32537-91501-2.....1	7	SETSCREW	32537-37PX45.....1	12	HOUSING	32537-88812-1.....1
3	SCREW	32537-25DPX24.....2	8	FAN	32537-88813-1.....1	13	SCREW	32537-17PX5.....2
4	WASHER	32537-21PX53.....2	9	RING	32537-174PX37.....1	14	NAMEPLATE	32537-86404-21.....1
5	CLAMP	32537-89519.....1	10	SCREW	32537-25DPX110.....6			

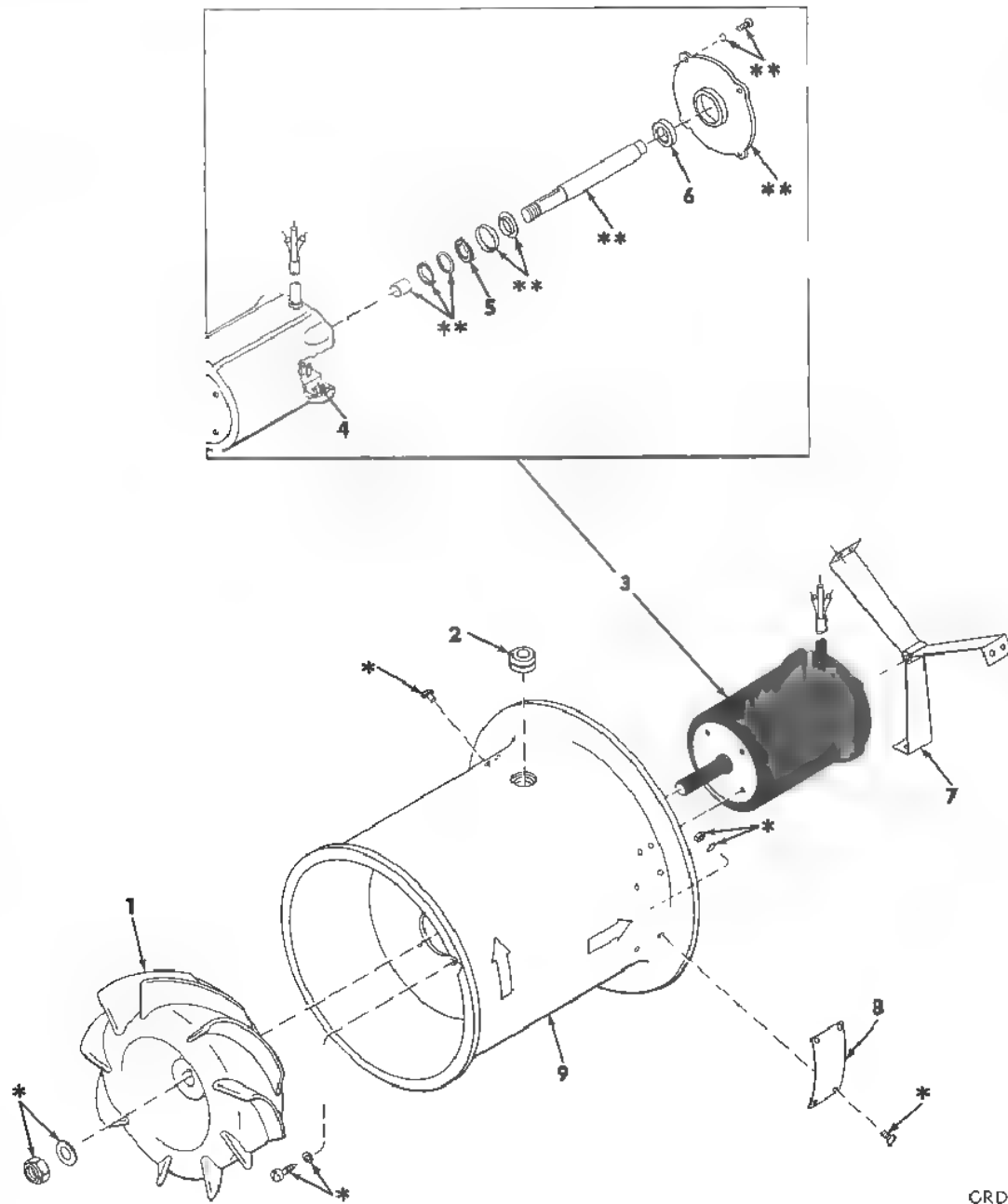
FIGURE 189. FAN, VANEAXIAL /8517073/-EXPLODED VIEW  
/SEE FIGURES 171 AND 198 FOR NEXT HIGHER ASSEMBLY/



ORD G304857

1	RING	MS16624-1043.....1	5	WASHER	MS27183-17.....1	9	KNOB	8173506.....1
2	CHAIN ASSEMBLY	8173509.....1	6	WASHER	MS35338-47.....1	10	PIN	8173507.....1
3	PACKING	9194770-21.....1	7	PIN	8173505.....1	11	COVER	8173503.....1
4	GASKET	8173626.....1	8	PIN	NAS561C3-11.....1			

FIGURE 190. COVER /8173504/-EXPLODED VIEW  
/SEE FIGURE 176 FOR NEXT HIGHER ASSEMBLY/



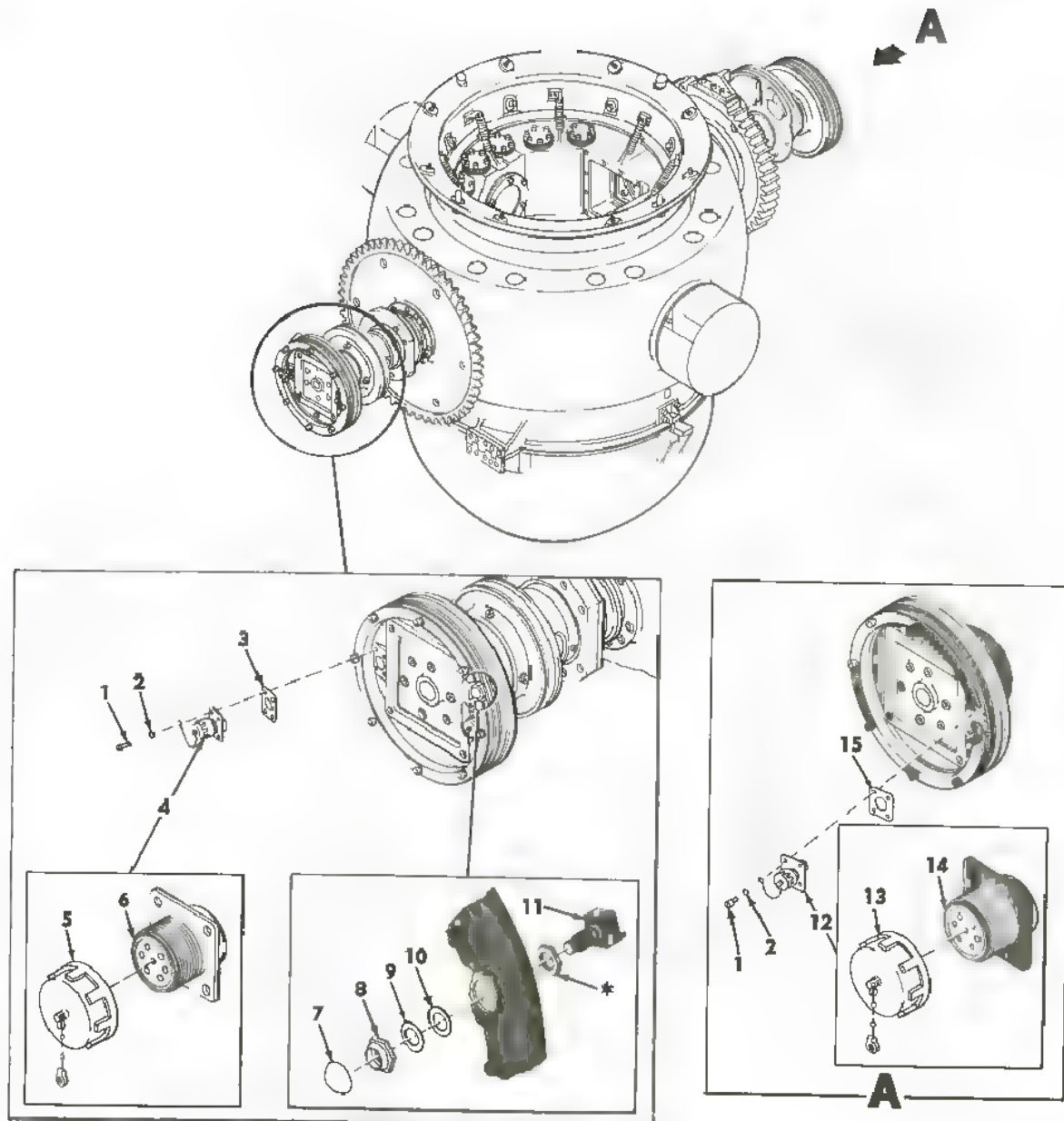
CRD G328613

1 WHEEL 07077-K18584.....1  
 2 GROMMET 07077-11PP39B.....1  
 3 MOTOR 8174019.....1  
 4 THERMAL PROTECTOR  
 82647-KL1XQNSJA-917.....1

5 BEARING 9017045.....1  
 6 BEARING 9017044.....1  
 7 COVER 07077-H125998.....1  
 8 PLATE 07077-11PP373.....1  
 9 CASTING 07077-K18582A.....1

\* COMPONENT OF FAN-8516219  
 \*\* COMPONENT OF ITEM 3

FIGURE 191. FAN, VANEAXIAL /8516219/-EXPLODED VIEW  
 /SEE FIGURE 178 FOR NEXT HIGHER ASSEMBLY/



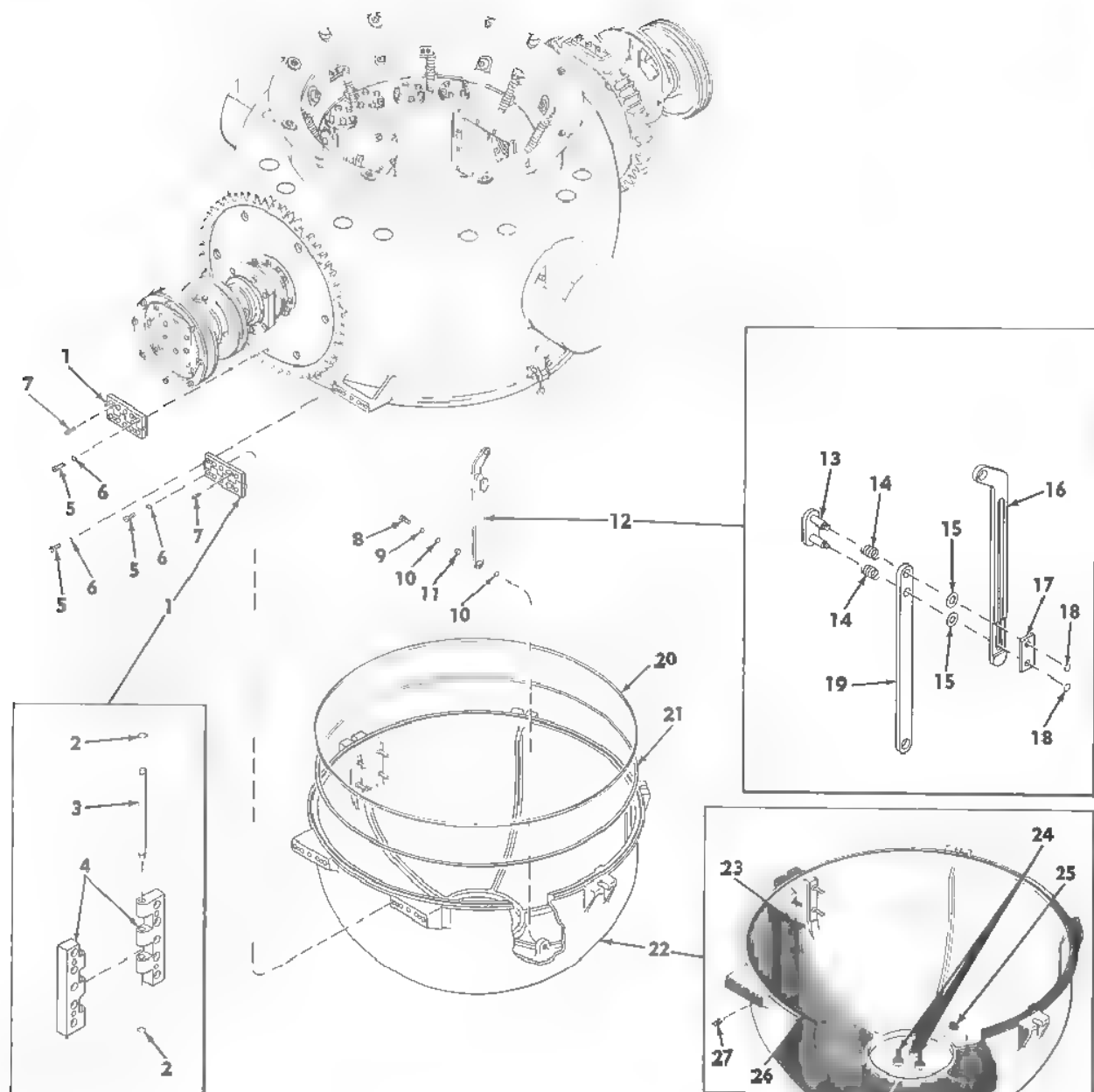
ORD G280630

1	SCREW MS35265-15.....12	7	CAP 8175371.....1	13	COVER 8511466.....1
2	WASHER MS35330-40.....12	8	NJT 8000714.....1	14	CONNECTOR 8511468.....1
3	GASKET 8000892.....2	9	SPACER 8000715.....1	15	GASKET 8000893.....1
4	CONNECTOR 8172405.....2	10	GASKET 8000716.....1		
5	COVER 8511465.....1	11	SWITCH 7206K4.....1		
6	CONNECTOR 8511467.....1	12	CONNECTOR 8172406.....1		

\* FURNISHED WITH ITEM 11

FIGURE 192. HOUSING /8171020/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 172 FOR NEXT HIGHER ASSEMBLY/

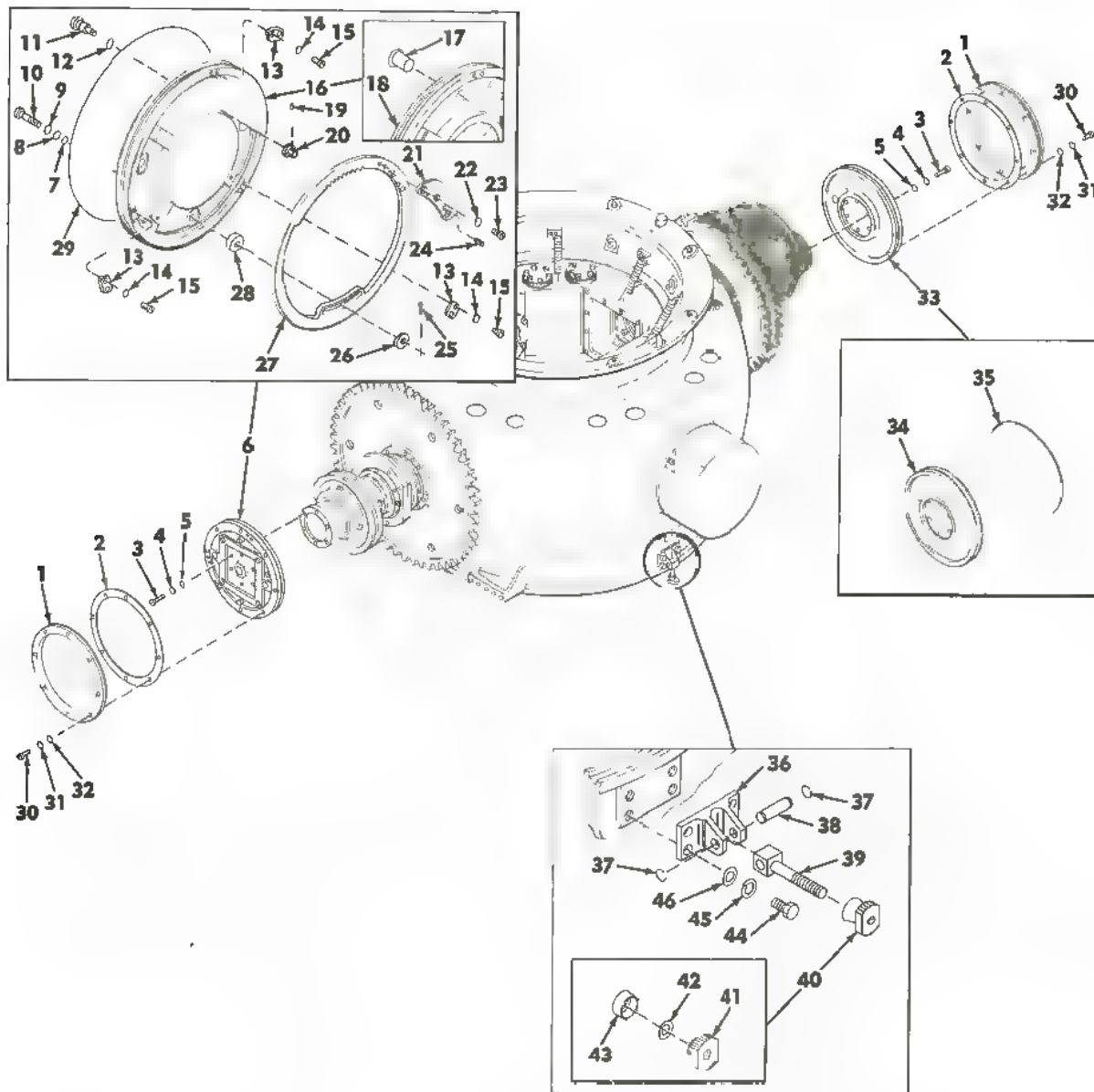




QRD G304858

1 HINGE 8517906.....2	10 WASHER MS27183-14.....2	19 STAY 8171651.....1
2 RING MS16624-1037.....2	11 BUSHING 8171840.....1	20 GASKET 8171074.....1
3 PIN 8517907.....1	12 STAY ASSEMBLY 8171841.....1	21 PACKING MATERIAL 8531066.....1
4 LEAF 9517908.....2	13 PIN 8171648.....1	22 COVER 8171021.....1
5 SCREW MS16997-61.....20	14 SPRING 8171644.....2	23 STUD 9009090.....4
6 WASHER MS35338-44.....20	15 WASHER MS27183-14.....2	24 STUD 9009089.....3
7 PIN MS16562-25A.....8	16 STAY 8171650.....1	25 INSERT 8024416.....1
8 SCREW MS90725-60.....1	17 PLATE 8171649.....1	26 COVER 8171021-7.....1
9 WASHER MS35338-46.....1	18 RING MS16624-1025.....2	27 INSERT 8177479.....10

FIGURE 193. HOUSING /8171020/-PARTIAL EXPLODED VIEW



ORD G280632

1 DEFLECTOR 8511241.....2	17 BEARING 9138670.....1	32 WASHER MS27183-9.....16
2 GASKET 8511243.....2	18 SUPPORT 9000062-4.....1	33 SUPPORT 8171646.....1
3 SCREW MS16907-101.....12	19 SETSCREW MS51964-48.....2	34 SUPPORT 8171032.....1
4 WASHER MS35338-46.....12	20 GEAR 8174100.....1	35 PACKING 8173695.....1
5 WASHER MS27183-14.....12	21 CAM CONTROL 8173989.....1	36 BRACKET 8171076.....4
6 SUPPORT 9000065.....1	22 WASHER MS35338-43.....3	37 RING MS16624-1037.....8
7 PACKING 8034452.....1	23 SCREW MS35265-62.....3	38 PIN 8171073.....4
8 WASHER MS27183-12.....1	24 PIN MS16562-234.....2	39 BOLT 8171075.....4
9 WASHER MS35338-45.....1	25 PIN MS24665-153.....1	40 KNOB ASSEMBLY 8513723.....4
10 SCREW 8173992.....1	26 NUT 8173993.....1	41 KNOB 8513724.....1
11 PIN 8173991.....1	27 RING 9000060.....1	42 WASHER MS35338-46.....1
12 PACKING 8034450.....1	28 SPACER 8173997.....1	43 BUSHING 8513725.....1
13 LUG 8173990.....3	29 PACKING 8173695.....1	44 BOLT MS35291-32.....16
14 WASHER MS35338-42.....6	30 SCREW MS35265-67.....16	45 WASHER MS35338-45.....16
15 SCREW MS35265-45.....6	31 WASHER MS35338-43.....16	46 WASHER MS27183-12.....16
16 SUPPORT 9000062.....1		

FIGURE 194. HOUSING /8171020/-PARTIAL EXPLODED VIEW

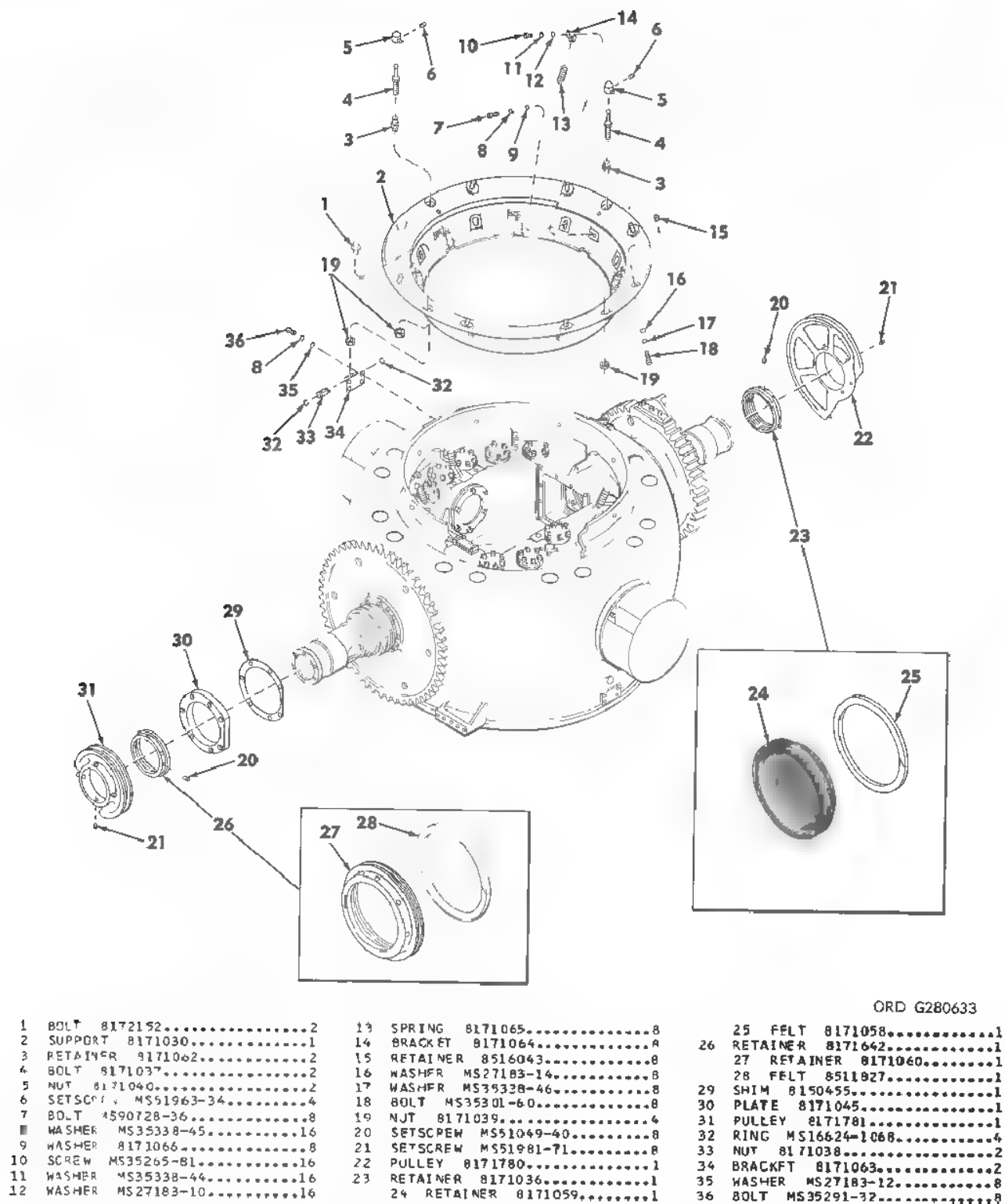
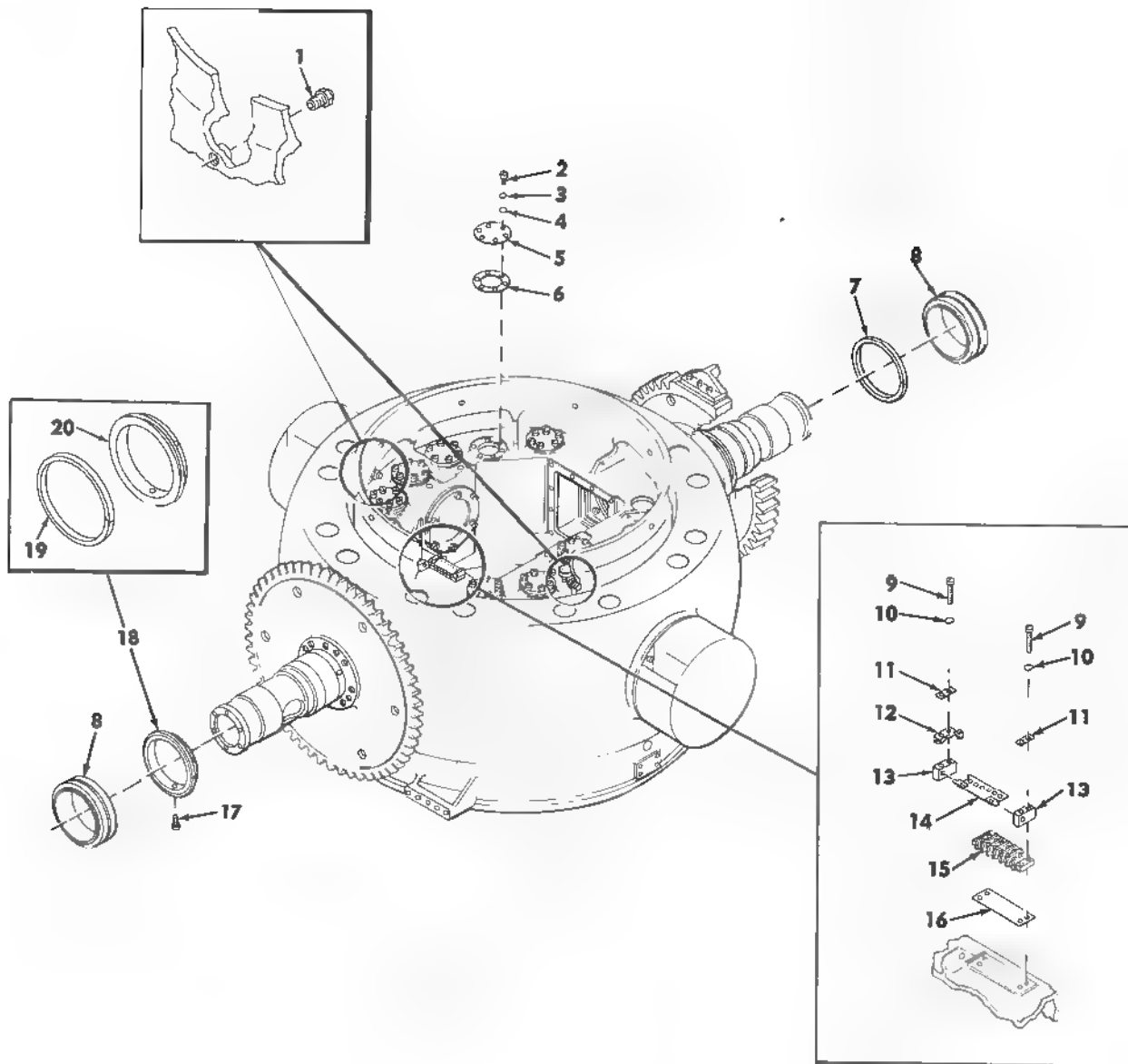


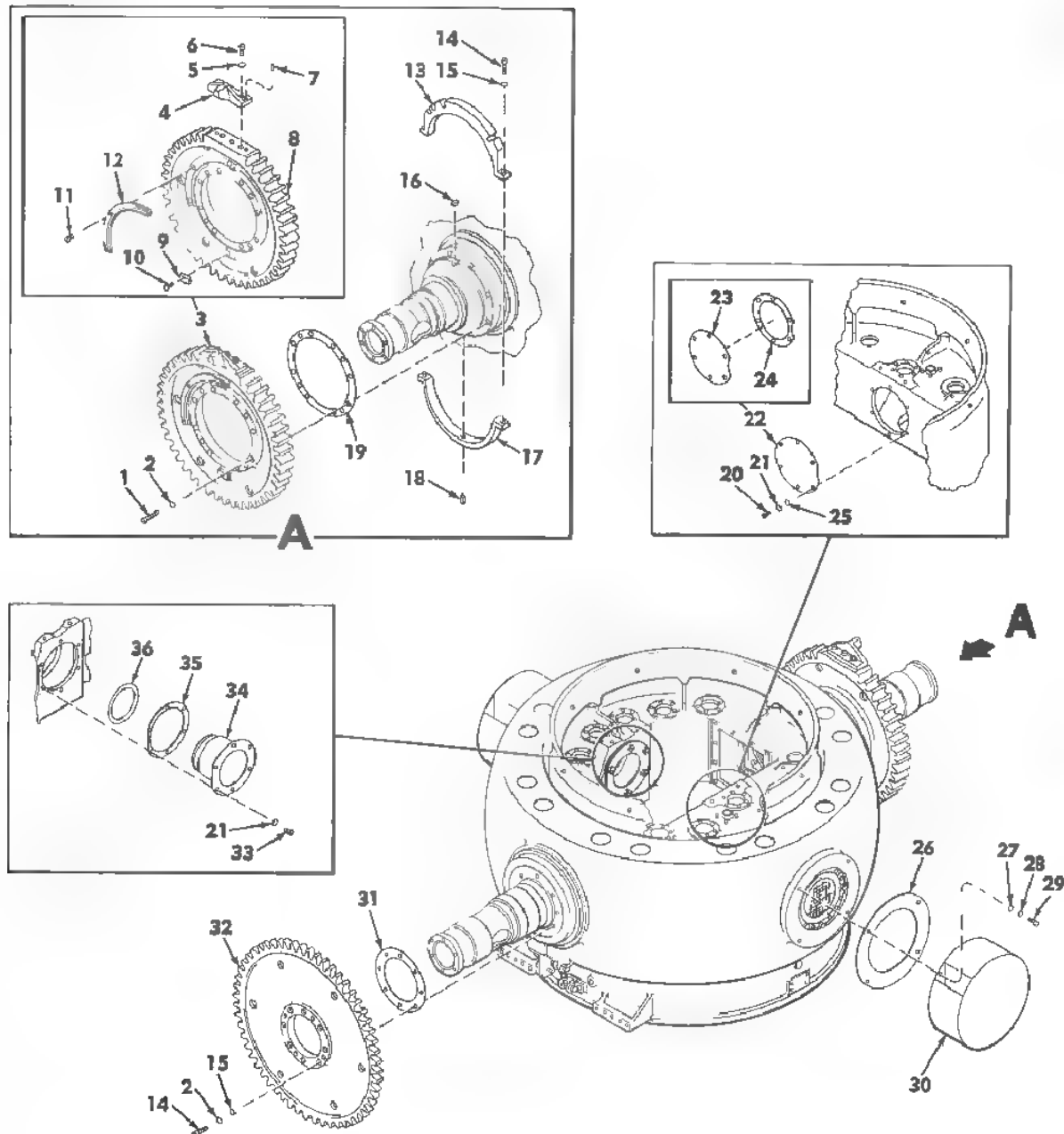
FIGURE 195. HOUSING 8171020-PARTIAL EXPLODED VIEW



ORD G280634

1 ADAPTER AN816-6-6C.....2	8 BEARING 714019.....2	15 TERMINAL BOARD 8175852.....1
2 SCREW MS35265-46.....54	9 SCREW MS35265-36.....4	16 INSULATOR 8019657.....1
3 WASHER MS35338-42.....54	10 WASHER MS35338-41.....4	17 SCREW MS35265-63.....3
4 WASHER MS27183-7.....54	11 PLATE 7622474.....2	18 SEAL 8171567.....1
5 COVER 8171656.....9	12 CONTACT 8017729.....1	19 FELT 8511827.....1
6 GASKET 8171655.....9	13 INSULATOR 8017728.....2	20 RING 8171566.....1
7 FELT 8171058.....1	14 COVER 8520175.....1	

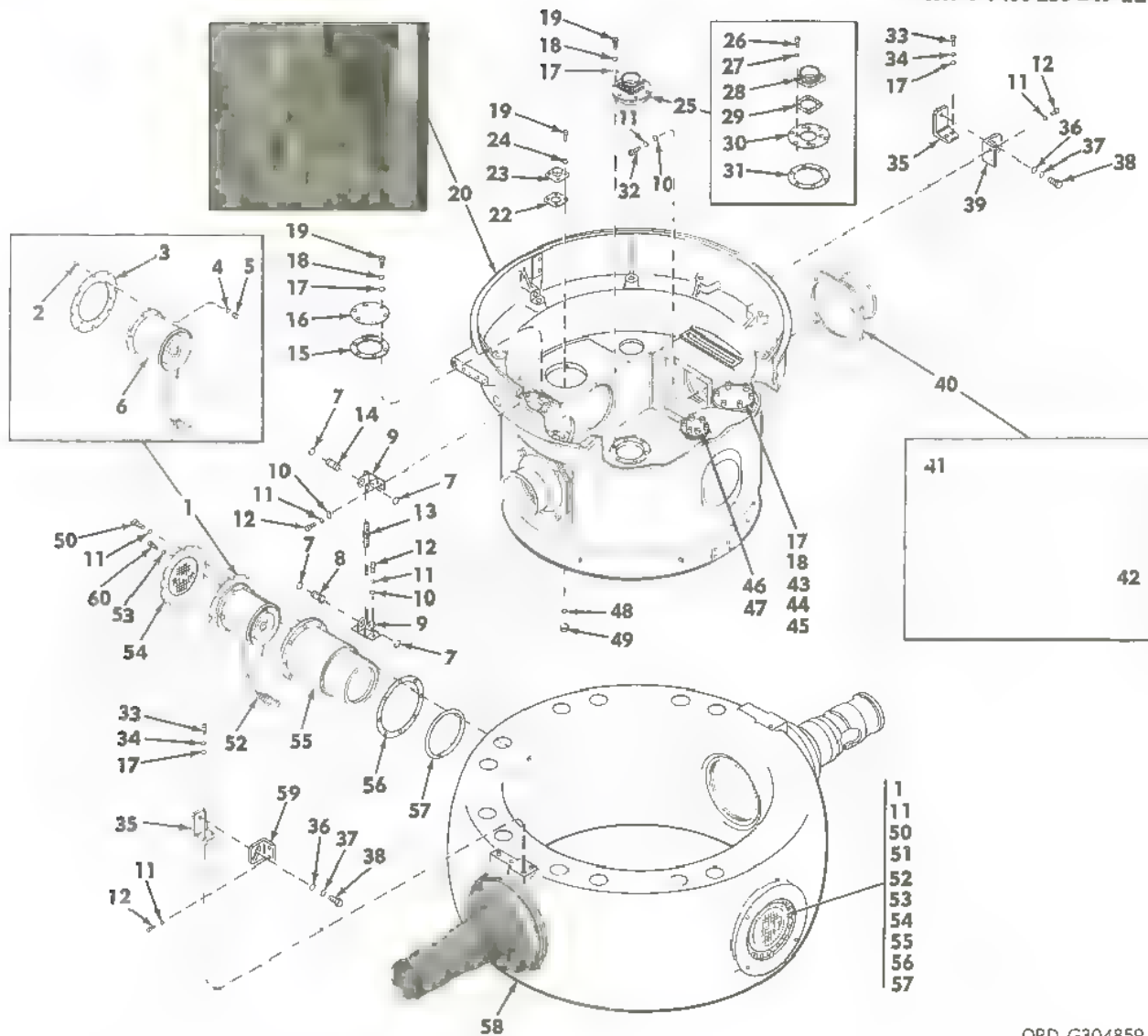
FIGURE 196. HOUSING /8171020/-PARTIAL EXPLODED VIEW



ORD G305249

1	SCREW	MS16997-103.....	8
2	WASHER	MS35338-46.....	16
3	GEAR	8171586.....	1
4	STOP	8170960.....	1
5	WASHER	MS35338-44.....	3
6	SCREW	AN500A416-18.....	3
7	PIN	141244.....	2
8	GEAR	8170959.....	1
9	CAM CONTROL	9007886.....	1
10	SCREW	MS35190-240.....	2
11	SCREW	MS51957-63.....	3
12	CAM	8018556.....	1
13	CLAMP	8515261.....	1
14	SCREW	MS16997-101.....	10
15	WASHER	MS27183-14.....	10
16	KEY	8531003.....	1
17	CLAMP	8515262.....	1
18	PIN	MS16562-252.....	1
19	SHIM	8171055.....	1
20	SCREW	MS35206-245.....	6
21	WASHER	MS35338-44.....	12
22	PLATE	9143294.....	1
23	PLATE	9143293.....	1
24	GASKET	8172396.....	1
25	WASHER	MS27183-7.....	6
26	GASKET	8171068.....	2
27	WASHER	MS27183-12.....	8
28	WASHER	MS35338-45.....	8
29	SCREW	MS16997-79.....	8
30	HOUSING	8171072.....	2
31	SHIM	8150456.....	1
32	GEAR	8171046.....	1
33	SCREW	MS35265-46.....	6
34	BUSHING	8172395.....	1
35	GASKET	8172394.....	1
36	PACKING	MS6227854.....	1

FIGURE 197. HOUSING /8171020/-PARTIAL EXPLODED VIEW



ORD G304859

1 FAN 8172402.....2	21 GASKET 9000499.....2	41 GASKET 8171048.....1
2 SCREW AN505-8R18.....6	22 GASKET 8518157.....1	42 DEFLECTOR 8171049.....1
3 ADAPTER 8172393.....1	23 CONNECTOR 9000682.....1	43 SCREW MS35265-47.....6
4 WASHER MS35338-42.....6	24 WASHER MS27183-4.....4	44 COVER 8171699.....1
5 NUT MS35649-282.....6	25 FLANGE 8517995.....1	45 GASKET 8171700.....1
6 FAN 8517073.....1	26 SCREW MS35265-44.....4	46 COVER 8171656.....1
SEE FIGURE 189 FOR DETAILS	27 WASHER MS35338-42.....4	47 GASKET 8171655.....1
7 RING MS16624-1037.....4	28 DUMMY CONNECTOR	48 WASHER MS35338-40.....4
8 NJT 8171041.....1	MS3105-36.....1	49 NUT MS35649-242.....4
9 BRACKET 8171581.....2	29 GASKET 9003262.....1	50 SCREW MS16997-80.....16
10 WASHER MS27183-12.....12	30 PLATE 8517994.....1	51 SCREW MS35206-263.....8
11 WASHER MS35338-45.....40	31 GASKET 8171760.....1	52 PLATE 7607794.....2
12 BOLT MS35291-32.....8	32 SCREW MS16997-79.....8	53 WASHER MS35338-43.....16
13 STUD 8171582.....1	33 BOLT MS90725-34.....4	54 COVER 9000293.....2
14 NJT 8172477.....1	34 WASHER MS35338-46.....4	55 BUSHING 8171033.....2
15 GASKET 8171654.....1	35 ANGLE 8171077.....2	56 SHIM 8171035.....2
16 COVER 8171640.....1	36 WASHER MS27183-18.....2	57 PACKING 546895.....2
17 WASHER MS27183-7.....22	37 WASHER MS35338-48.....2	58 TRUNNION 8171025.....1
18 WASHER MS35338-42.....18	38 SCREW MS90728-110.....2	59 ANGLE 8171078.....1
19 SCREW MS35265-46.....22	39 ANGLE 8171079.....1	60 SCREW MS35206-261.....8
20 HOUSING 8171022.....1	40 DEFLECTOR 8171029.....2	

FIGURE 198. HOUSING 8171020/-PARTIAL EXPLODED VIEW

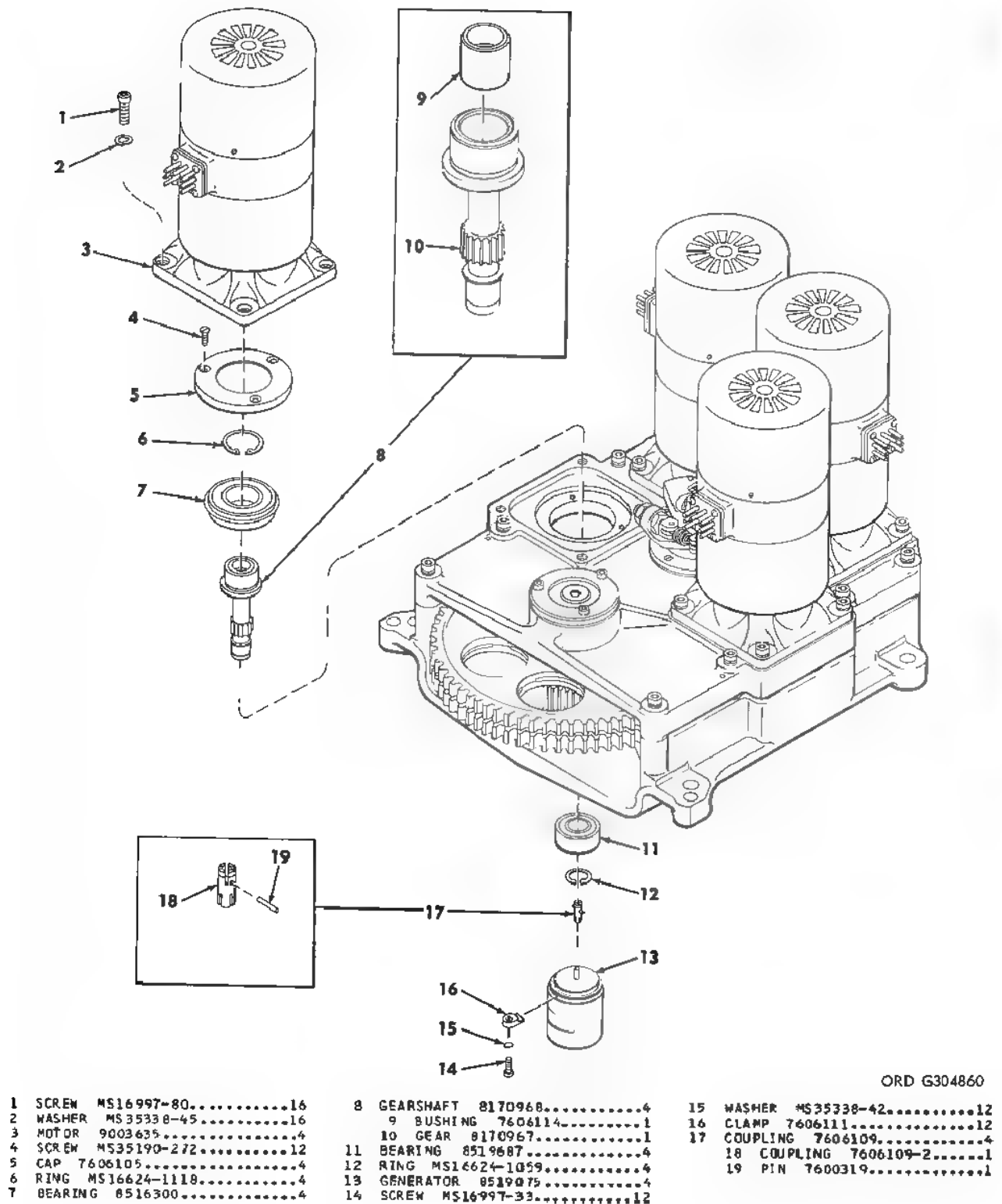
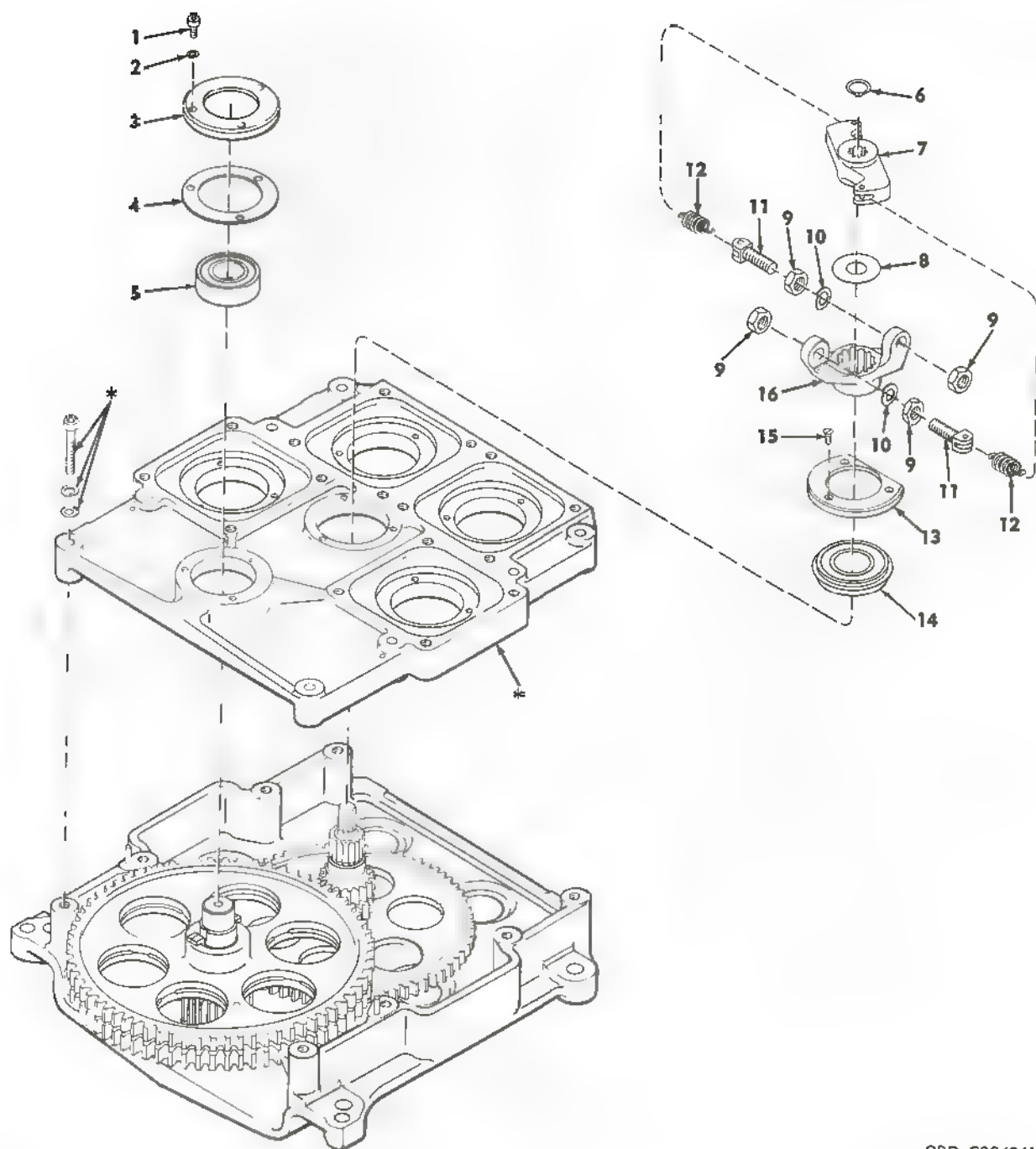


FIGURE 199. DRIVE /8170973/ PARTIAL EXPLODED VIEW  
/SEE FIGURE 173 FOR NEXT HIGHER ASSEMBLY/



ORD G304861

1	SCREW MS16997-45.....3	8	WASHER 8000981.....1	15	SCREW MS35190-272.....3
2	WASHER MS35338-43.....3	9	NUT MS35691-21.....4	16	ARM 8174243.....1
3	CAP 8513935.....1	10	WASHER MS35338-46.....2		
4	SHIM 8513547.....1	11	CLEVIS 8021315.....2		
5	BEARING 8518331.....1	12	SPRING 8018653.....12		
6	RING MS16624-1062.....1	13	CAP 8513934.....1		
7	ARM 8517796.....1	14	BEARING 8516300.....1		

\* COMPONENT OF HOUSING 8170963

FIGURE 200. DRIVE /8170973/-PARTIAL EXPLODED VIEW



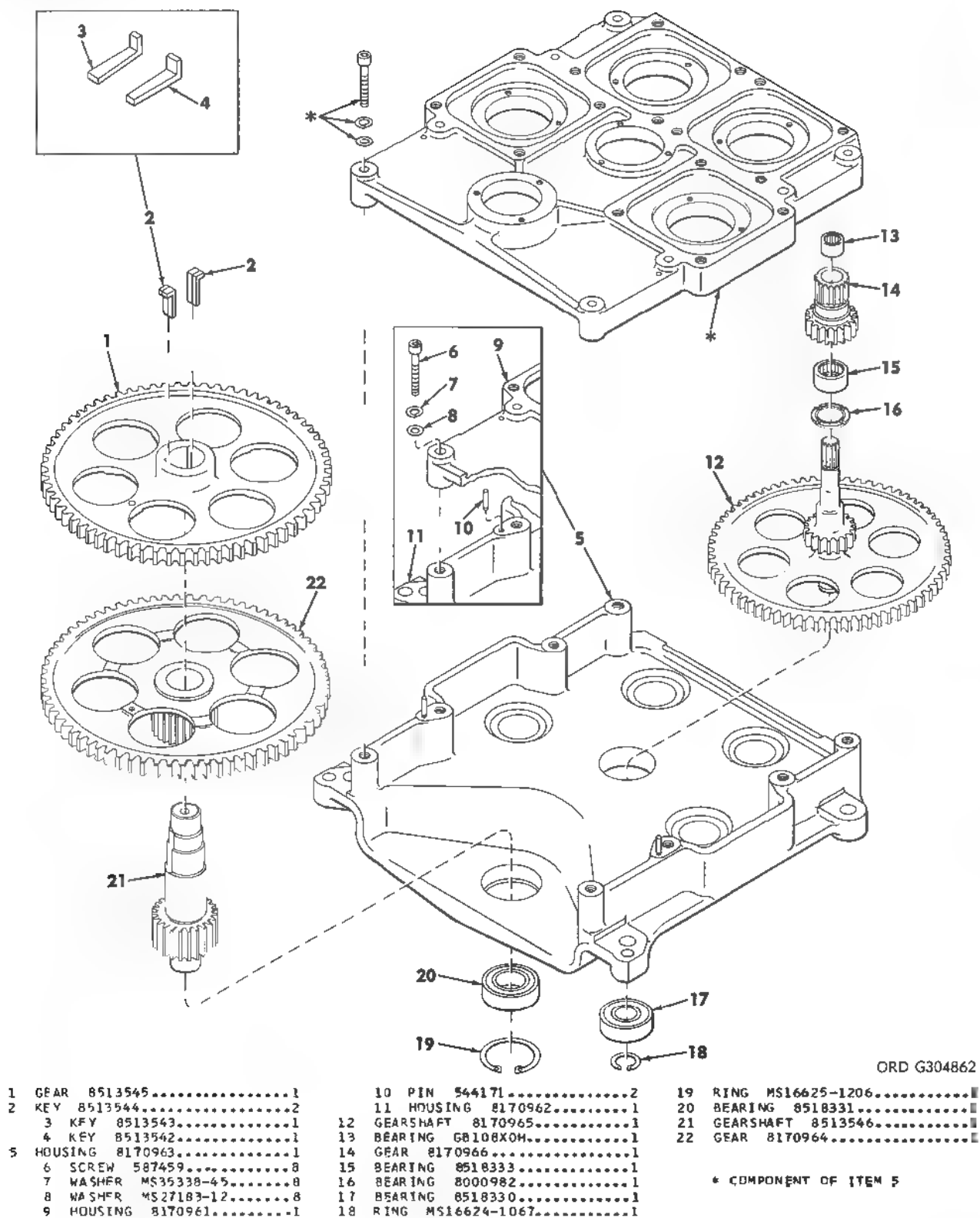
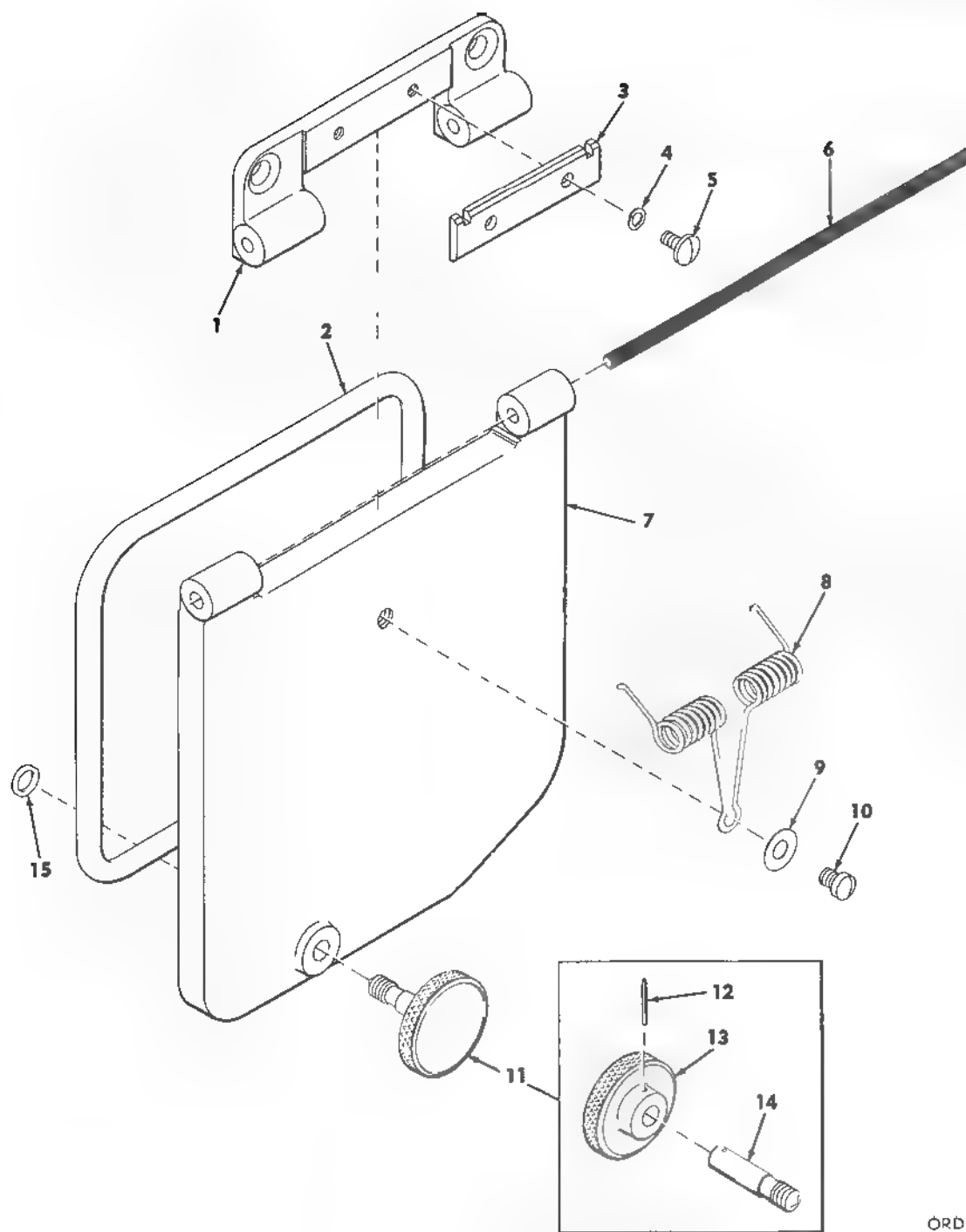


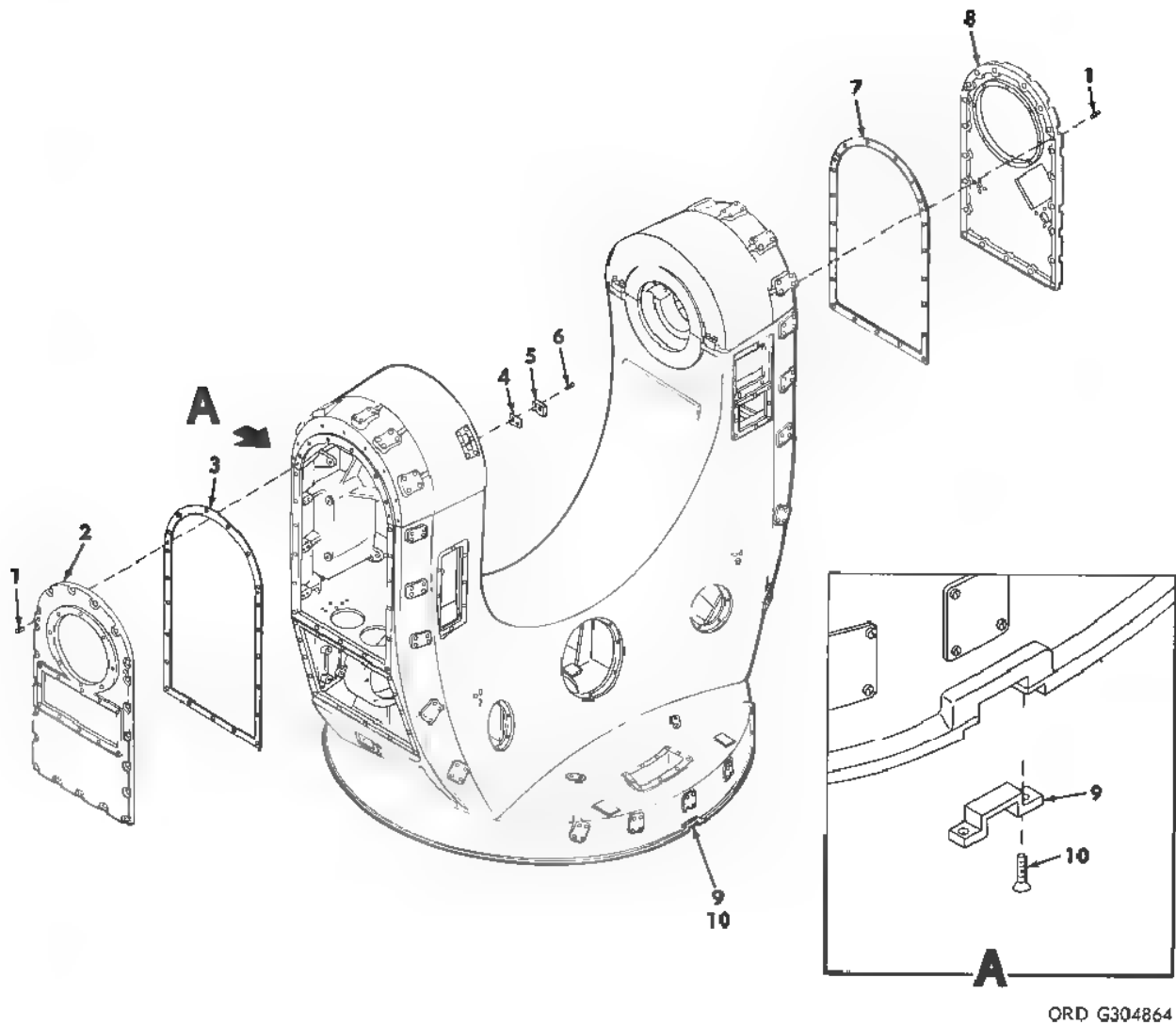
FIGURE 201. DRIVE /8170973/-PARTIAL EXPLODED VIEW



ORD G304863

1	HINGE	9000183.....	1	6	PIN	8172246.....	1	11	KNOB	8172248.....	1
2	GASKET	8172349.....	1	7	COVER	8172242.....	1	12	PIN	MS16562-216.....	1
3	PLATE	9000184.....	1	8	SPRING	0000185.....	1	13	KNOB	8172249.....	1
4	WASHER	MS35338-43.....	2	9	WASHER	MS27183-10.....	1	14	STUD	8172250.....	1
5	SCREW	MS35207-260.....	2	10	SCREW	MS35206-277.....	1	15	PACKING	AN123880.....	1

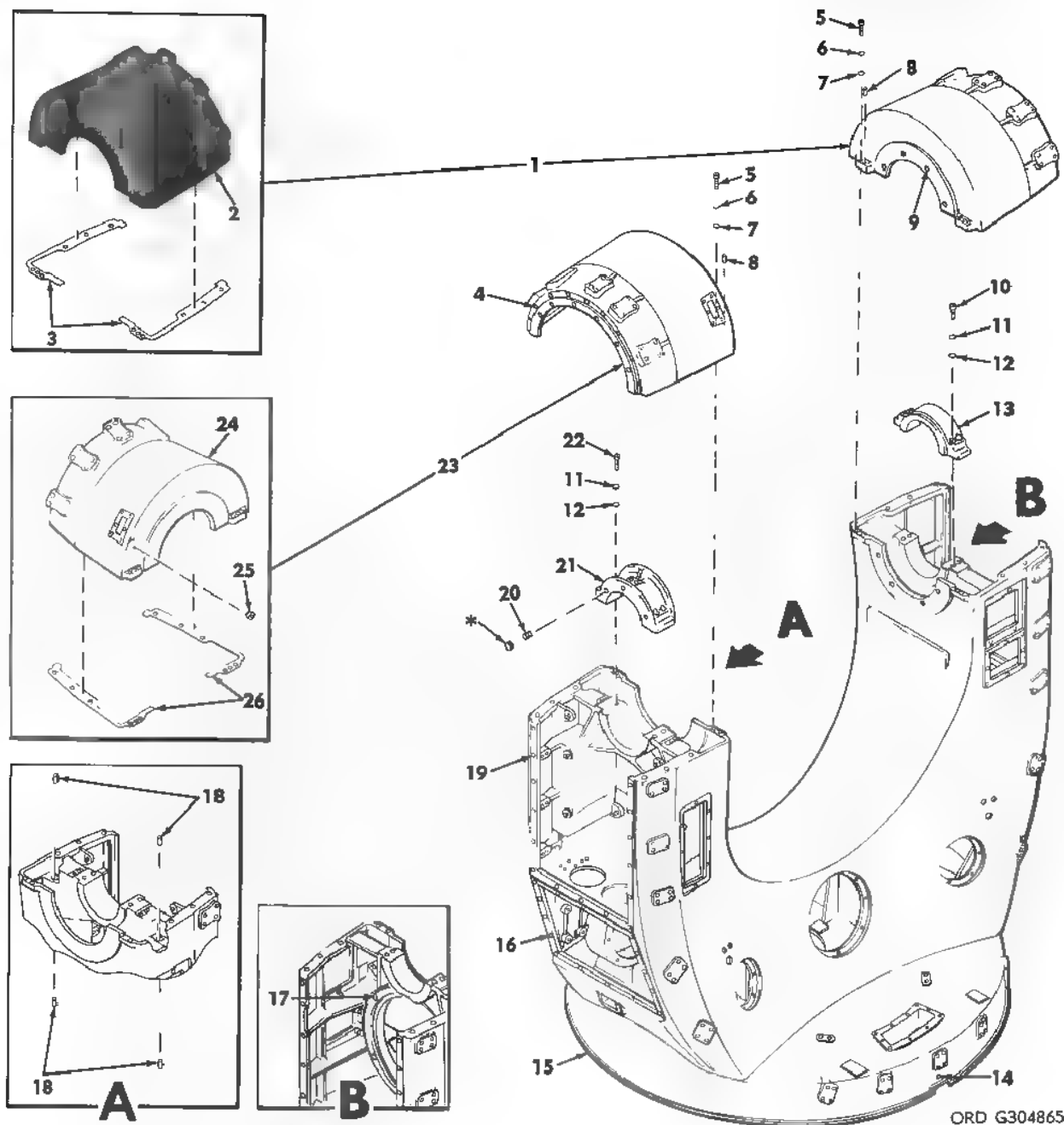
FIGURE 202. COVER /8172240/-EXPLODED VIEW  
/SEE FIGURE 175 FOR NEXT HIGHER ASSEMBLY/



ORD G304864

1	PIN	MS16562-251	4
2	COVER	8171017	1
3	GASKET	9171757	1
4	PACER	8173750	1
5	STOP	8515253	1
6	SCREW	MS35190-271	2
7	GASKET	9171758	1
8	COVER	8171018	1
9	PLATE	8171762	2
10	SCREW	MS35190-289	4

FIGURE 203. PEDESTAL /8171633/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 180 FOR NEXT HIGHER ASSEMBLY/

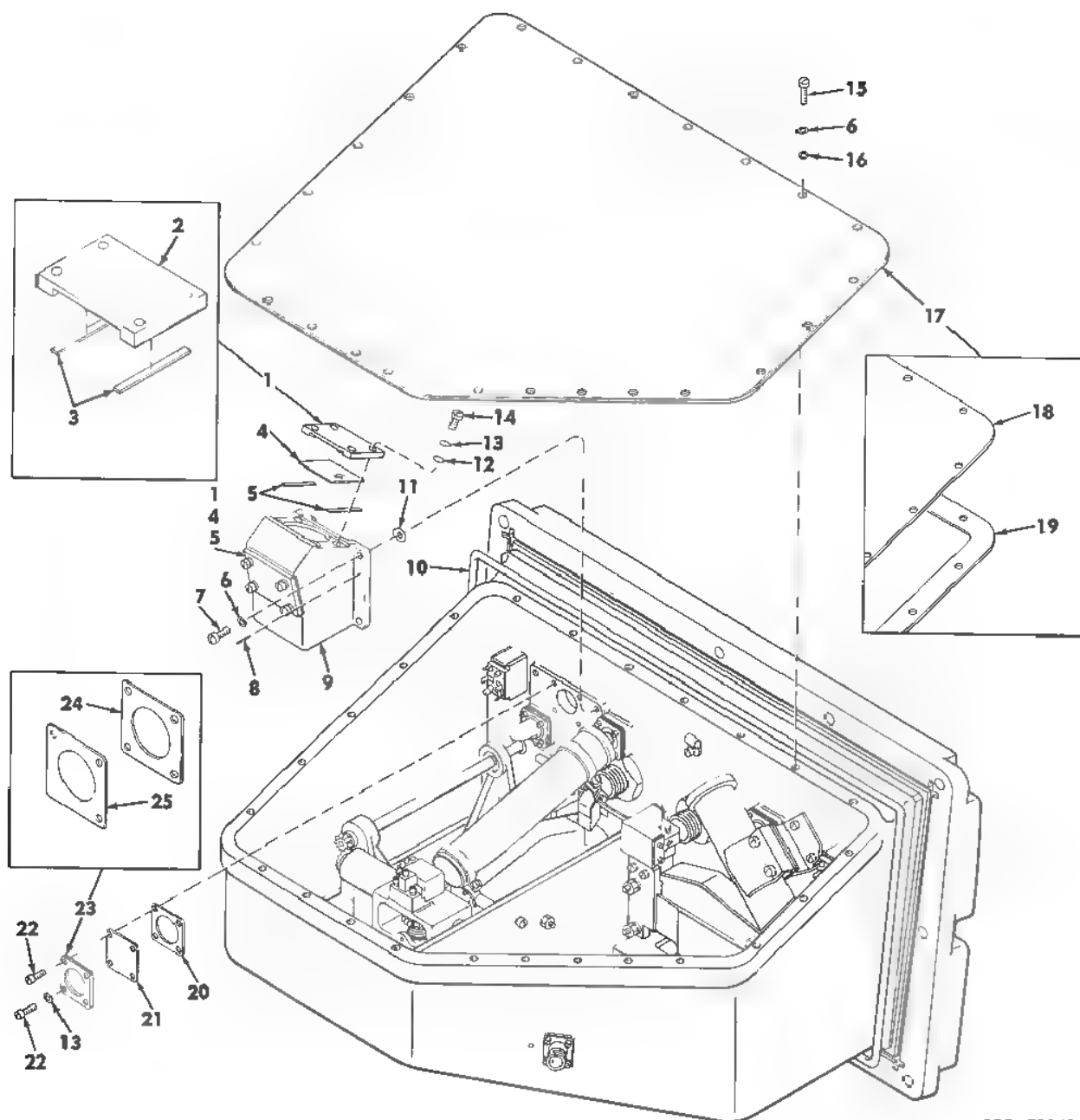


ORD G304865

1 COVER 8517587.....1	11 WASHER MS35338-48.....8	21 CAP 8158955.....1
2 COVER 8517587-2.....1	12 WASHER AN960-816.....8	22 SCREW MS16997-149.....4
3 GASKET 8171774-107.....2	13 CAP 9171634.....1	23 COVER 9136011.....1
4 INSERT 9007482.....18	14 INSERT MS21208C1-15.....2	24 COVER 9136010.....1
5 SCREW MS16997-101.....20	15 PEDESTAL 8171015.....1	25 BEARING 8515257.....1
6 WASHER MS35338-46.....20	16 INSERT 8024418.....70	26 GASKET 8171774.....2
7 WASHER MS27183-14.....20	17 INSERT MS21208C6-20.....6	
8 PIN MS9390-70.....4	18 BEARING 8024509.....4	
9 INSERT MS122200.....16	19 INSERT 9003718.....4	
10 SCREW MS16997-146.....4	20 INSERT 8024416.....7	

\* COMPONENT OF ITEMS 4, 9, 14, 16, 17, 19, AND 20

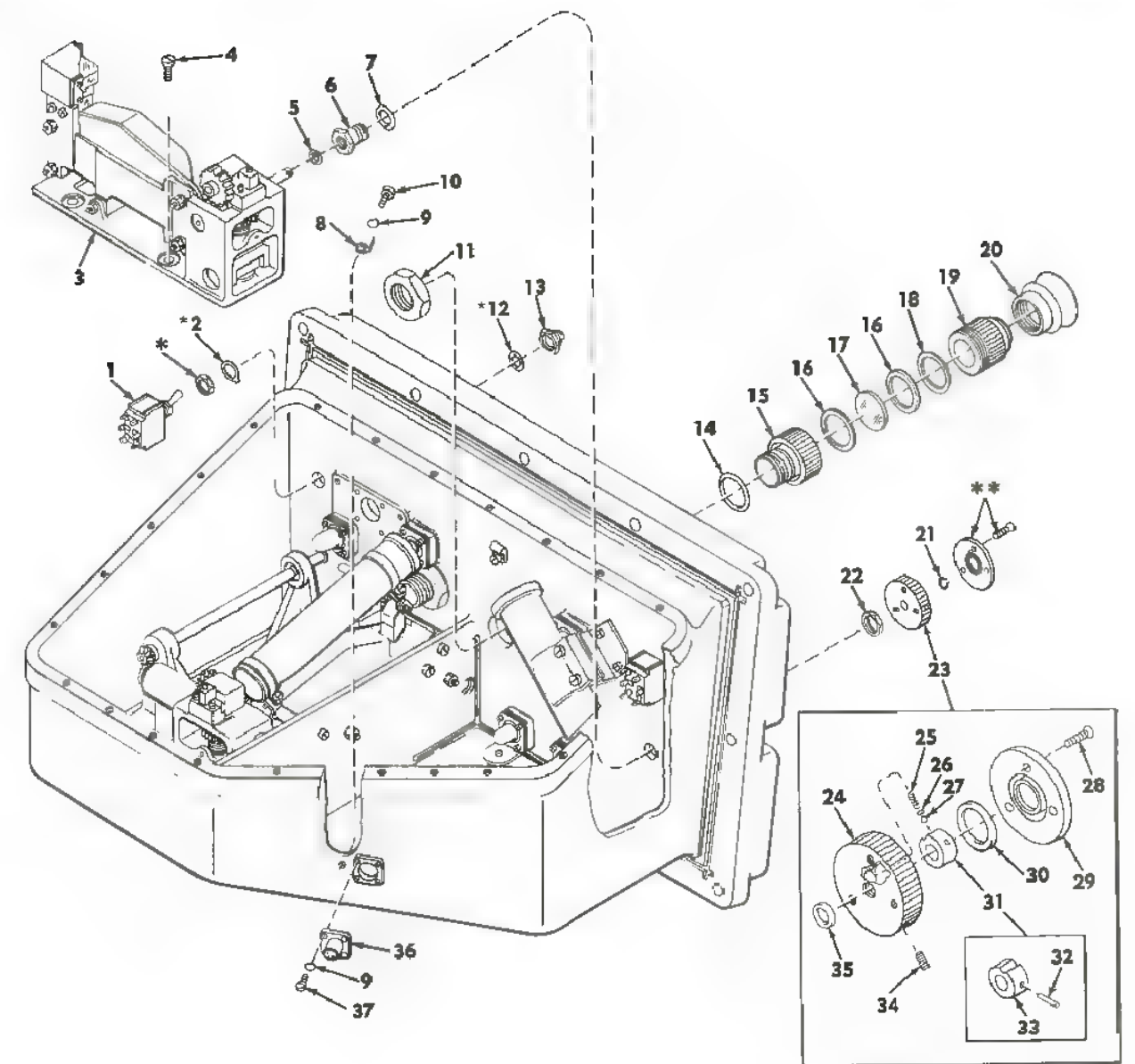
FIGURE 204. PEDESTAL /8171633/-PARTIAL EXPLODED VIEW



ORD G304866

1	PLATE 8172156.....2	10	GASKET 8172043.....1	19	GASKET 8172057.....1
2	PLATE 8172006.....1	11	SHIM 9138278.....4	20	GASKET 8172004.....1
3	GASKET 8172011.....2	12	WASHER MS27183-4.....8	21	WINDOW 8172002.....1
4	MIRROR 8172005.....2	13	WASHER MS35338-40.....10	22	SCREW MS35206-216.....4
5	GASKET 8172011.....4	14	SCREW MS35265-14.....8	23	FRAME AND GASKET ASSEMBLY 8172157.....1
6	WASHER MS35338-42.....28	15	SCREW MS35265-43.....24	24	GASKET 8172004.....1
7	SCREW MS35265-45.....4	16	WASHER MS27183-7.....24	25	WINDOW 8172003.....1
8	PIN 546113.....2	17	COVER 8172155.....1		
9	HOUSING 8172007.....1	18	PLATE 8172056.....1		

FIGURE 205. LEVEL, PRECISION, MASTER /8171987/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 167 FOR NEXT HIGHER ASSEMBLY/



ORD G304867

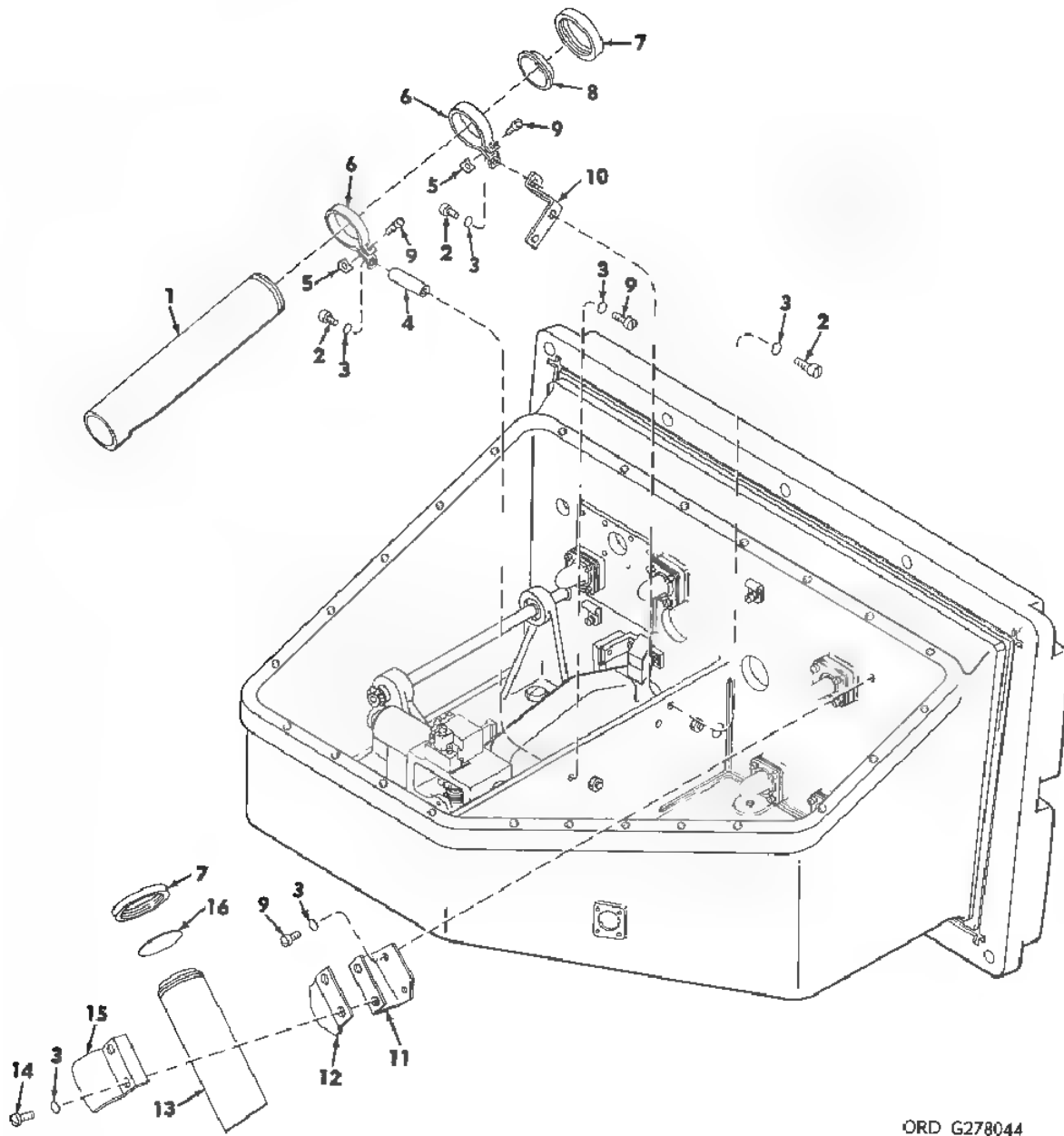
1 SWITCH MS35059-26.....2  
 2 WASHER MS25081-4.....2  
 3 LEVEL 8172014.....1  
 SEE FIGURE 210 FOR DETAILS  
 4 SCREW MS35206-264.....4  
 5 PACKING AN123860.....1  
 6 BUSHING 8172038.....1  
 7 PACKING 8034457.....1  
 8 TERMINAL 8177439.....1  
 9 WASHER MS35338-40.....5  
 10 SCREW MS35265-12.....1  
 11 NUT 8172009.....2  
 12 WASHER MS35333-121.....2  
 13 BOOT  
 MJL819257TYCCL15 IZE2.....2

14 PACKING AN123874.....2  
 15 MOUNTING 8172044.....2  
 16 RING 8172046.....4  
 17 WINDOW 8172047.....2  
 18 WASHER 8172040.....2  
 19 MOUNTING 8172045.....2  
 20 EYESHIELD 5039125.....2  
 21 RING MS16624-4025.....1  
 22 NUT 815-254F1.....1  
 23 KNOB 8172033.....1  
 24 KNOB 8172030.....1  
 25 SPRING 8017206.....1  
 26 SPACER 8017207.....1  
 27 BALL MS9461-04.....1  
 28 SCREW 133955.....3

29 PLATE 8172031.....1  
 30 PACKING AN6227-11.....1  
 31 DETENT 8172032.....1  
 32 PIN MS16562-193.....1  
 33 DETENT 8172032-3.....1  
 34 SETSCREW MS51023-50.....1  
 35 PACKING AN123860.....1  
 36 CONNECTOR 9003919.....1  
 37 SCREW MS35206-215.....4

\* FURNISHED WITH ITEM 1  
 \*\* COMPONENT OF ITEM 23

FIGURE 206. LEVEL, PRECISION, MASTER /8171987/-PARTIAL EXPLODED VIEW



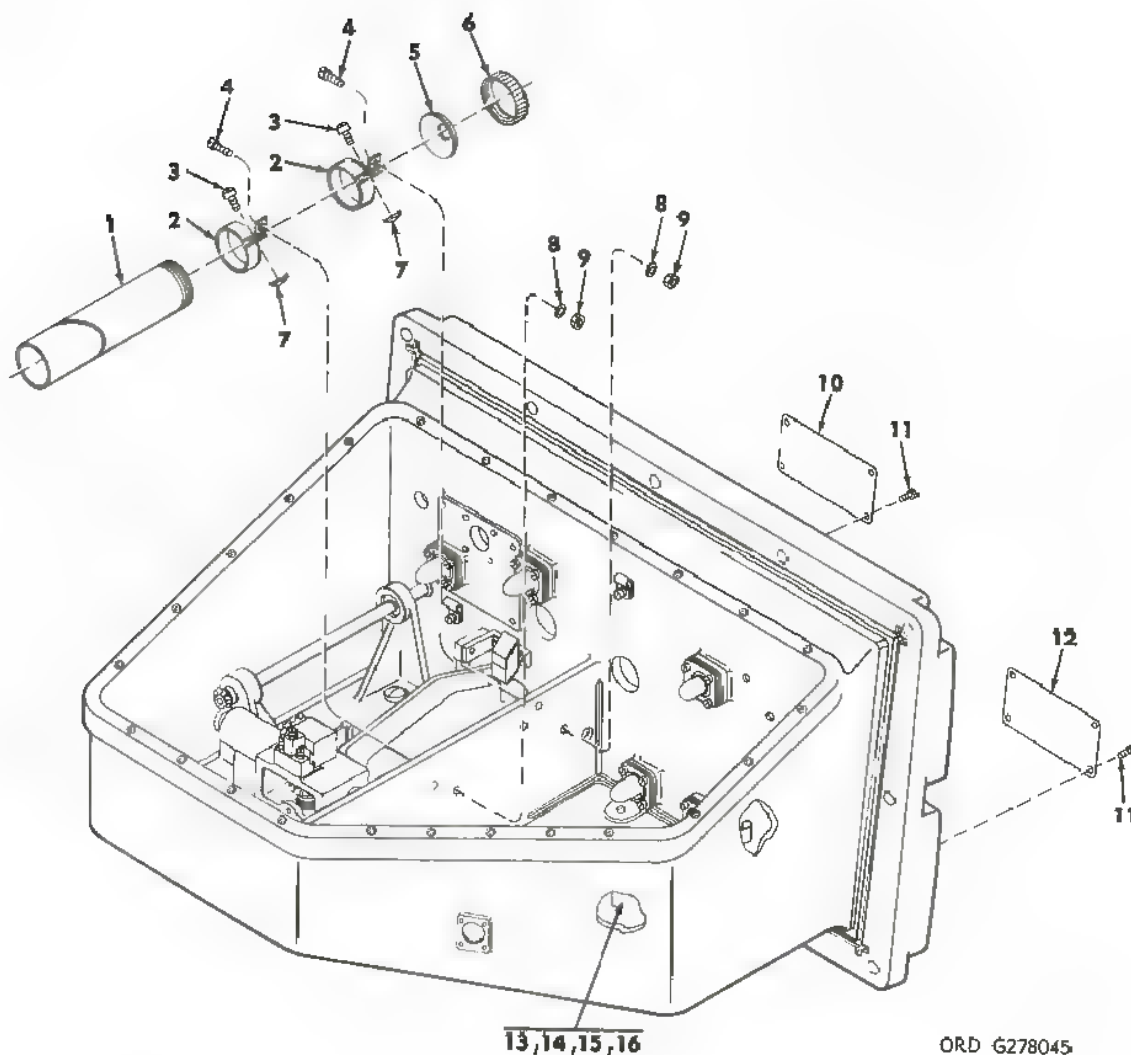
ORD G278044

1 TUBE 8172000.....1  
2 SCREW MS35265-29.....4  
3 WASHER 131400.....9  
4 NUT 8172062.....1  
5 NUT 8531248.....2  
6 CLAMP 8171995.....2

7 RING 8171998.....2  
8 REFLECTOR 8171999.....1  
9 SCREW MS35265-27.....5  
10 BRACKET 8172042.....1  
11 BRACKET 9007051.....1  
12 BRACKET 9006961.....1

13 TUBE 9006960.....1  
14 SCREW MS35206-232.....2  
15 BRACKET 9006962.....1  
16 REFLECTOR 9006959.....1

FIGURE 207. LEVFL, PRECISION, MASTER /8171987/-PARTIAL EXPLODED VIEW

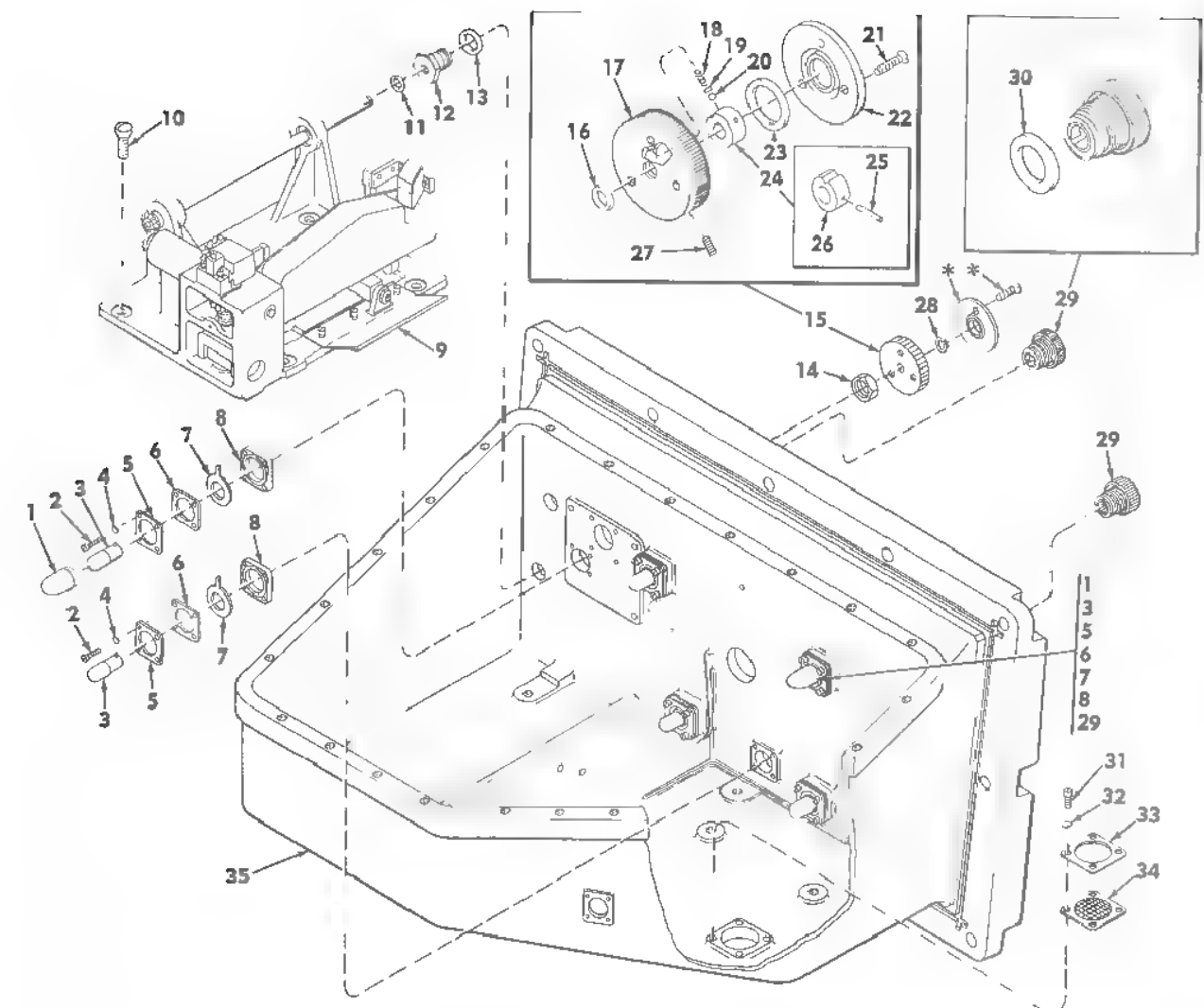


ORD G278045

1 MIRROR ASSEMBLY 8171993.....1	7 NUT 8531248.....2	13 SCREW MS35265-14.....4
2 CLAMP 8171995.....2	8 WASHER MS35338-41.....2	14 WASHER MS35338-40.....4
3 SCREW MS35265-27.....2	9 NUT MS35649-262.....2	15 WASHER MS27183-4.....4
4 SCREW MS35265-29.....2	10 PLATE 8172060.....1	16 CLAMP 8176971.....4
5 REFLECTOR 8171999.....1	11 SCREW MS35206-214.....8	
6 RING 8171998.....1	12 PLATE 8172061.....1	

FIGURE 208. LEVEL, PRECISION, MASTER /8171987/-PARTIAL EXPLODED VIEW



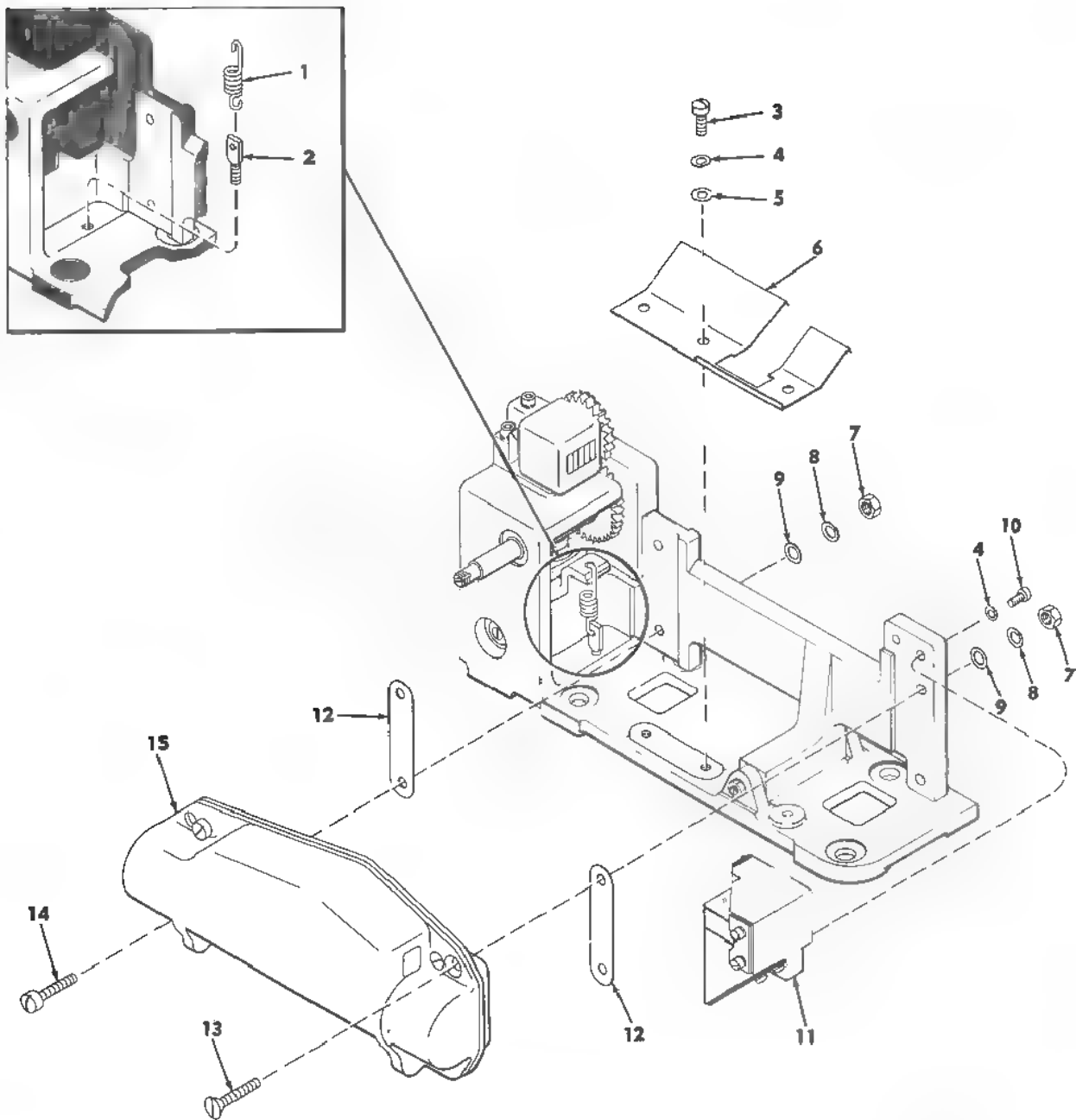


ORD G304868

1 REFLECTOR 7599563.....2	13 PACKING 8034457.....1	26 DETENT 8172032-3.....1
2 SCREW MS35275-217.....24	14 NUT 815-254F1.....1	27 SETSCREW MS51023-50.....1
3 LAMP MS15571-1.....6	15 KNOB 8172033.....1	28 RING MS16624-4025.....1
4 WASHER MS35338-40.....24	16 PACKING AN123860.....1	29 LAMP HOLDER 8172029.....6
5 PLATE 8172022.....6	17 KNOB 817203C.....1	30 PACKING AN6227-13.....1
6 INSULATOR 8172023.....6	18 SPRING 8017206.....1	31 SCREW MS35265-27.....4
7 CONTACT 8172028.....6	19 SPACER 8017207.....1	32 WASHER MS35338-41.....4
8 INSULATOR 8172024.....6	20 BALL MS9461-04.....1	33 PLATE 8172059.....1
9 LEVEL 8172012.....1	21 SCREW 133955.....3	34 WIRE 8172058.....1
SEE FIGURE 213 FOR DETAILS		
10 SCREW MS35206-264.....4	22 PLATE 8172031.....1	35 HOUSING 8171990.....1
11 PACKING AN123860.....1	23 PACKING AN6227-11.....1	
12 BUSHING 8172038.....1	24 DETENT 8172032.....1	
	25 PIN MS16562-193.....1	

\* COMPONENT OF ITEM 15

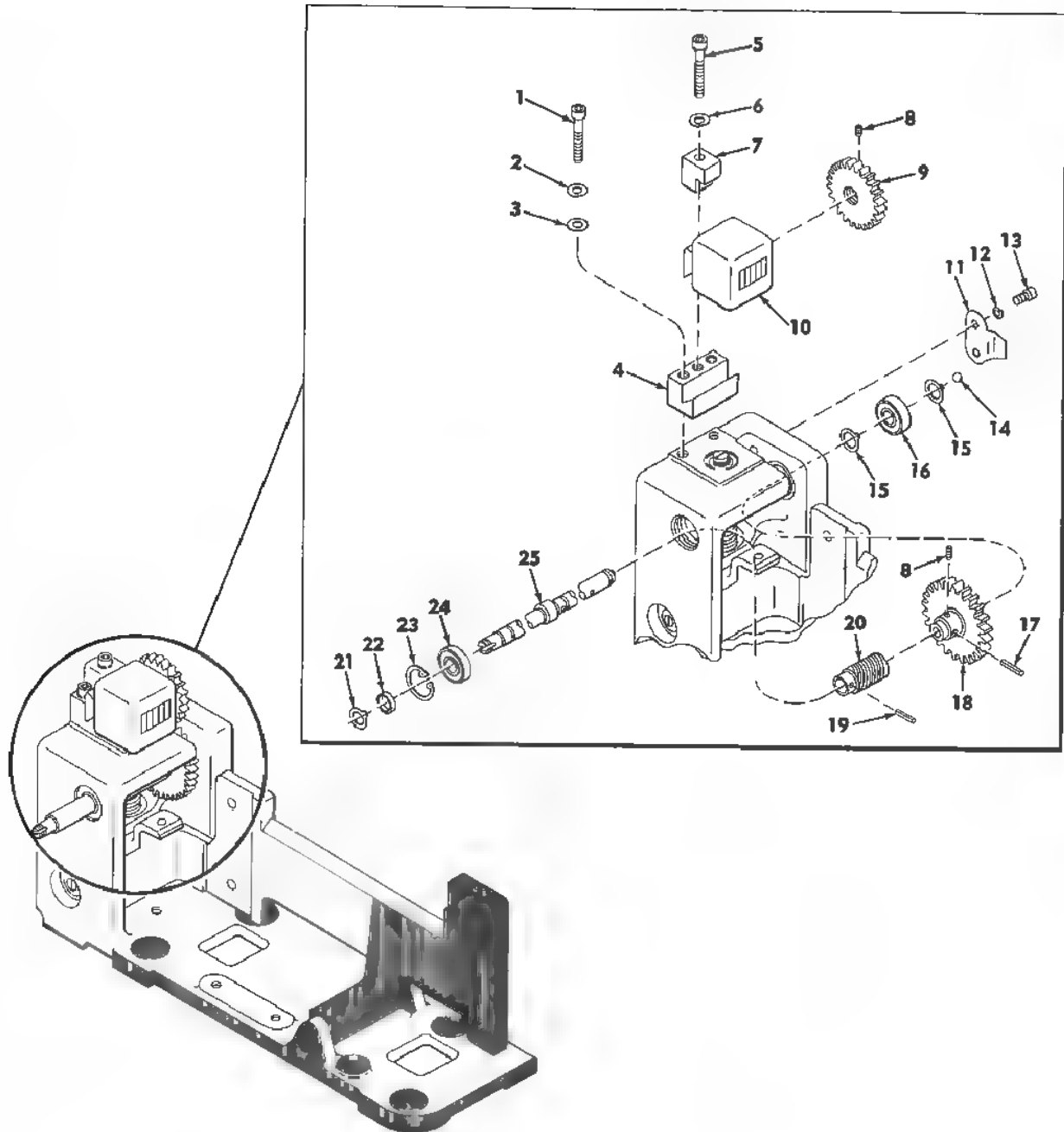
FIGURE 209. LEVEL, PRECISION, MASTER /8171987/-PARTIAL EXPLODED VIEW



ORD G304869

1	SPRING	8015759.....1	7	NUT	MS 35649-202.....4	12	SHIM	8020963.....2
2	BOLT	9001455.....1	8	WASHER	MS35338-43.....4	13	SCREW	MS35190-273.....1
3	SCREW	MS35265-27.....3	9	WASHER	MS271 83-6.....4	14	SCREW	MS35265-65.....3
4	WASHER	MS35338-41.....5	10	SCREW	MS35265-29.....2	15	LEVEL	8015786.....1
5	WASHER	MS27183-6.....3	11	PRISM ASSEMBLY	8172118.....1			
6	MIRROR	8172016.....1			SEE FIGURE 217 FOR DETAILS			

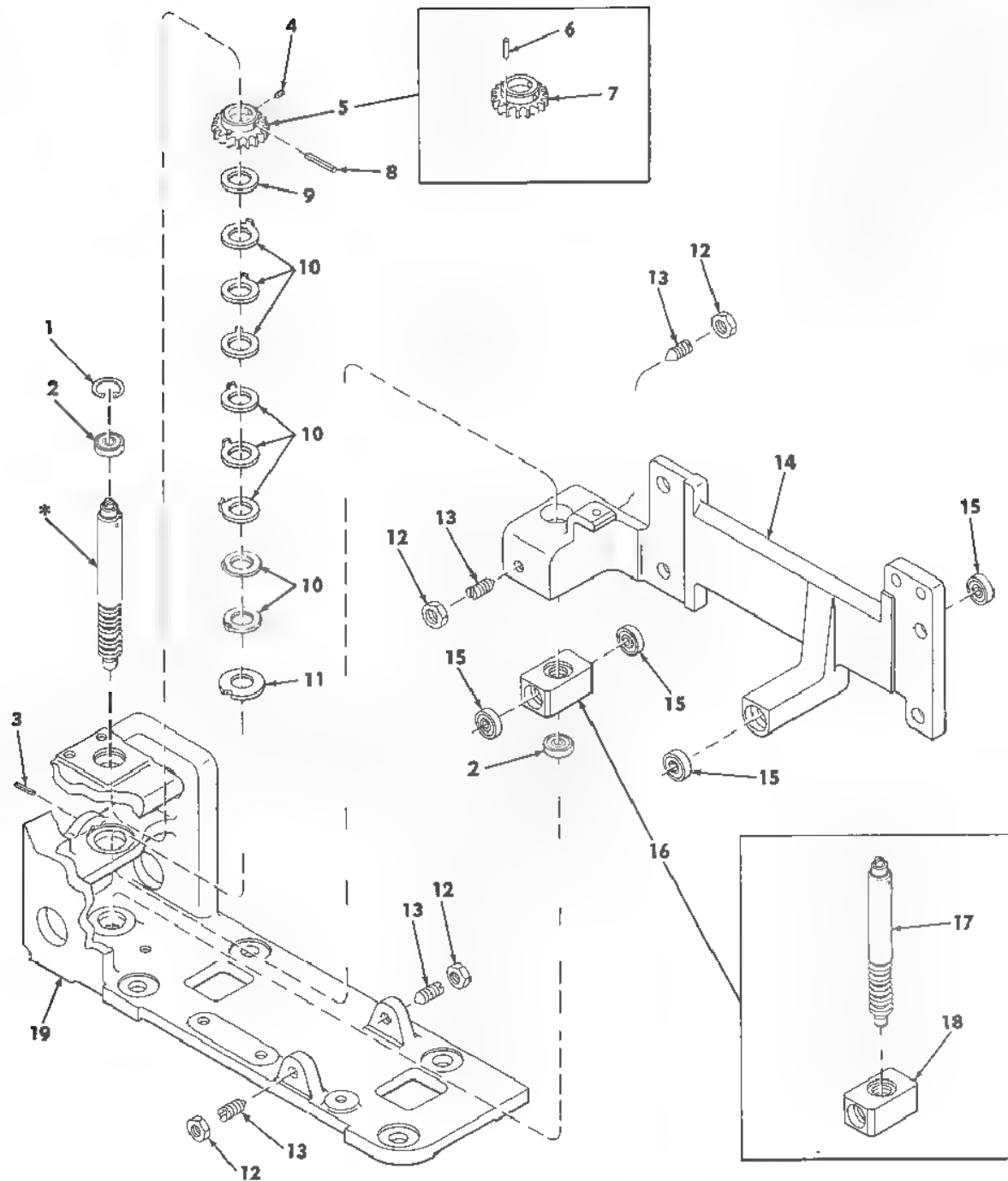
FIGURE 210. LEVEL, PRECISION, MASTER /8172014/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 206 FOR NEXT HIGHER ASSEMBLY/



ORD G304870

1	SCREW MS16997-13.....2	10	COUNTER 8519496.....1	19	PIN MS16562-199.....1
2	WASHER MS35338-40.....2	11	SPRING 9136211.....1	20	GFAR 8015760.....1
3	WASHER MS27183-4.....2	12	WASHER AN935-3.....2	21	RING MS16632-1025.....1
4	CLAMP 8172035.....1	13	SCREW 221124.....2	22	SPACER 8512159.....1
5	SCREW MS16997-23.....1	14	BALL MS19060-19.....1	23	RING MS16625-4062.....1
6	WASHER MS35338-41.....1	15	RING MS16624-1018.....2	24	BEARING 9157416.....1
7	CLAMP 8172034.....1	16	BEARING 11207185-4.....1	25	SHAFT 8172039.....1
8	SETSCREW MS51981-9.....2	17	PIN MS16562-201.....1		
9	GEAR 8015774.....1	18	GEAR 8172037.....1		

FIGURE 211. LEVEL, PRECISION, MASTER /8172014/-PARTIAL EXPLODED VIEW

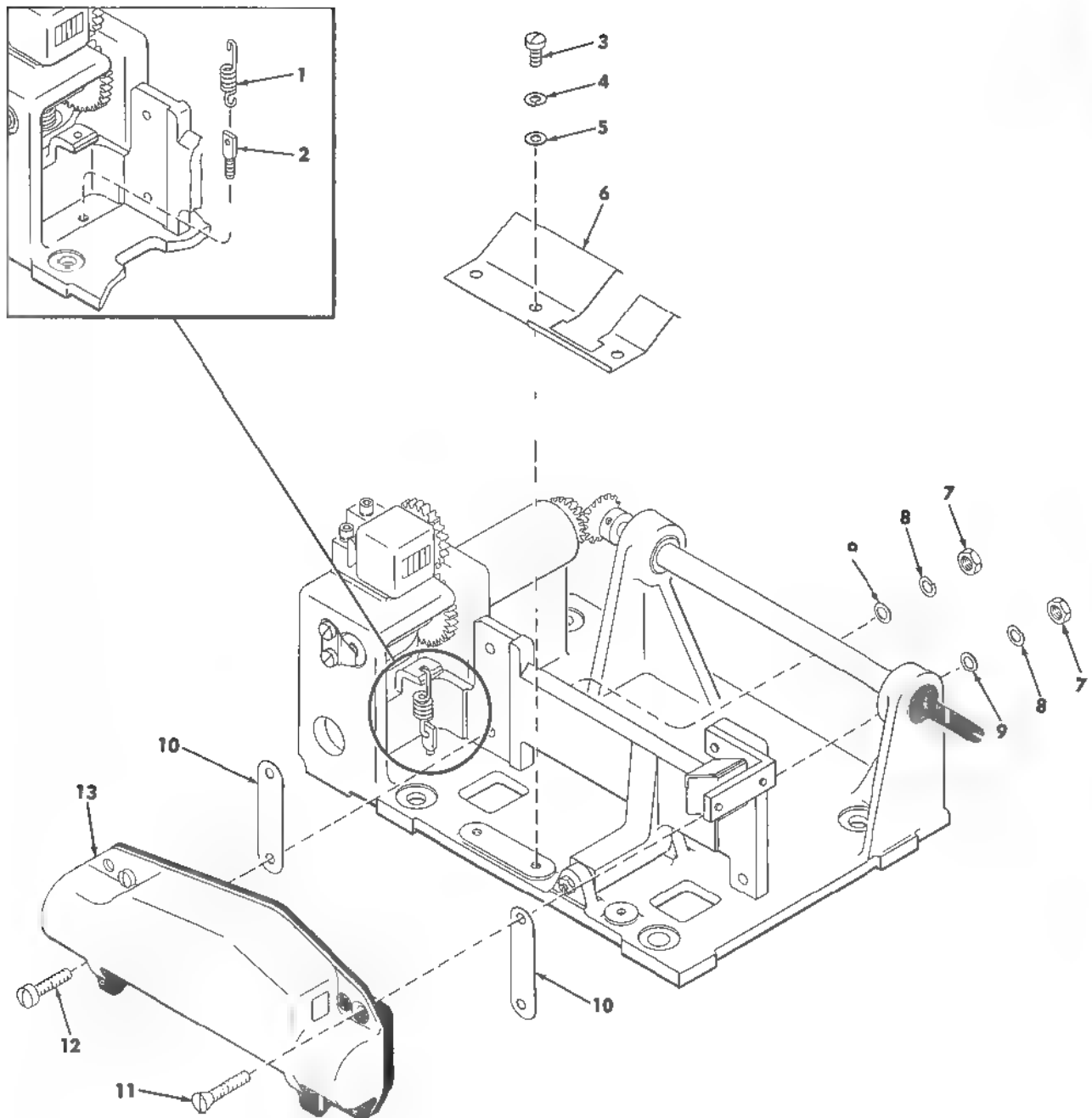


ORD G304871

1 RING MS16626-2050.....1	9 WASHER 8016655.....1	17 SHAFT 8158070.....1
2 BEARING 11207185-4.....2	10 WASHER 8016653.....8	18 BLOCK 8020840.....1
3 PIN MS16562-190.....1	11 WASHER 8172020.....1	19 HOUSING 9009447.....1
4 SETSCREW MS51981-9.....1	12 NUT MS35649-282.....4	
5 GEAR 8172019.....1	13 SETSCREW 119966.....4	
6 PIN MS16562-199.....1	14 PLATE 8017213.....1	
7 GEAR 8172019-4.....1	15 BEARING 8176230.....4	
8 PIN MS16562-203.....1	16 SHAFT ASSEMBLY 9136051.....1	

\* COMPONENT OF ITEM 16

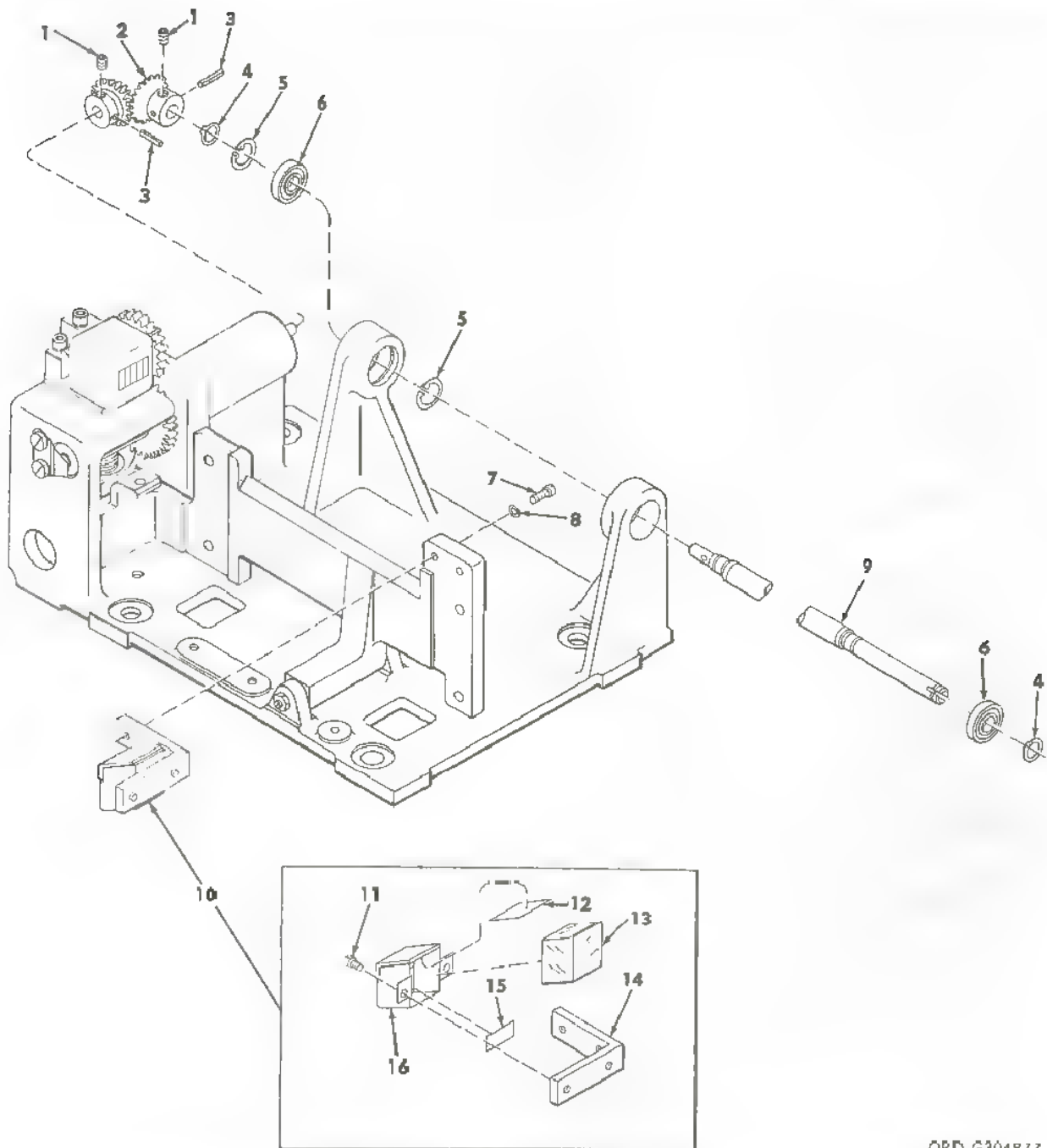
FIGURE 212. LEVEL, PRECISION, MASTER /8172014/-PARTIAL EXPLODED VIEW



ORD G304872

1	SPRING	8015759.....1	6	MIRROR	8172016.....1	11	SCREW	MS35190-273.....1
2	BOLT	9001455.....1	7	NUT	MS35649-202.....4	12	SCREW	MS35265-65.....3
3	SCREW	MS35265-27.....3	8	WASHER	MS35338-43.....4	13	LEVEL	8015786.....1
4	WASHER	MS35338-41.....3	9	WASHER	MS27183-8.....4			
5	WASHER	MS27183-6.....2	10	SHIM	8020963.....2			

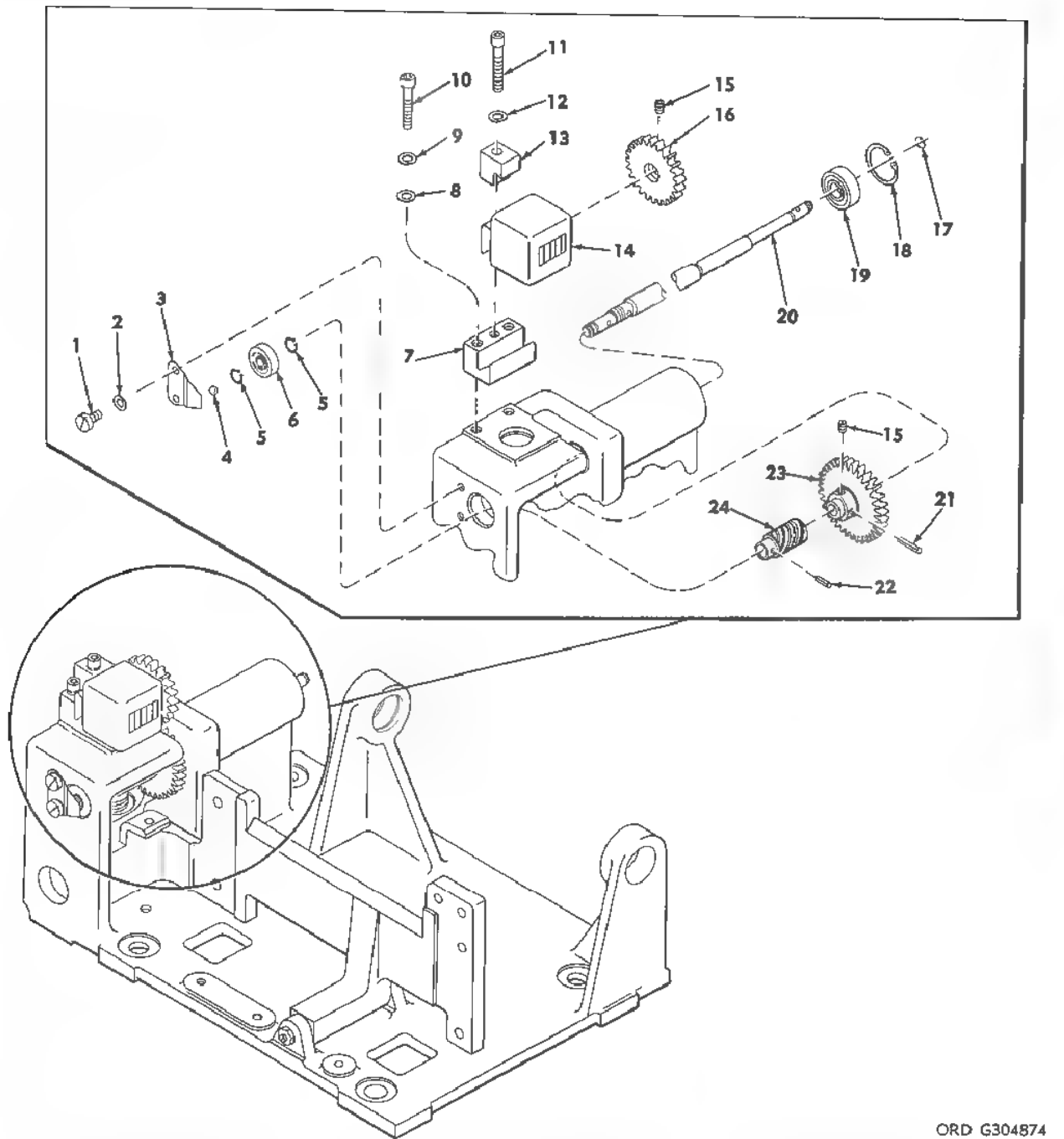
FIGURE 213. LEVEL, PRECISION, MASTER SUBASSEMBLY /8172012/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 209 FOR NEXT HIGHER ASSEMBLY/



ORD G304873

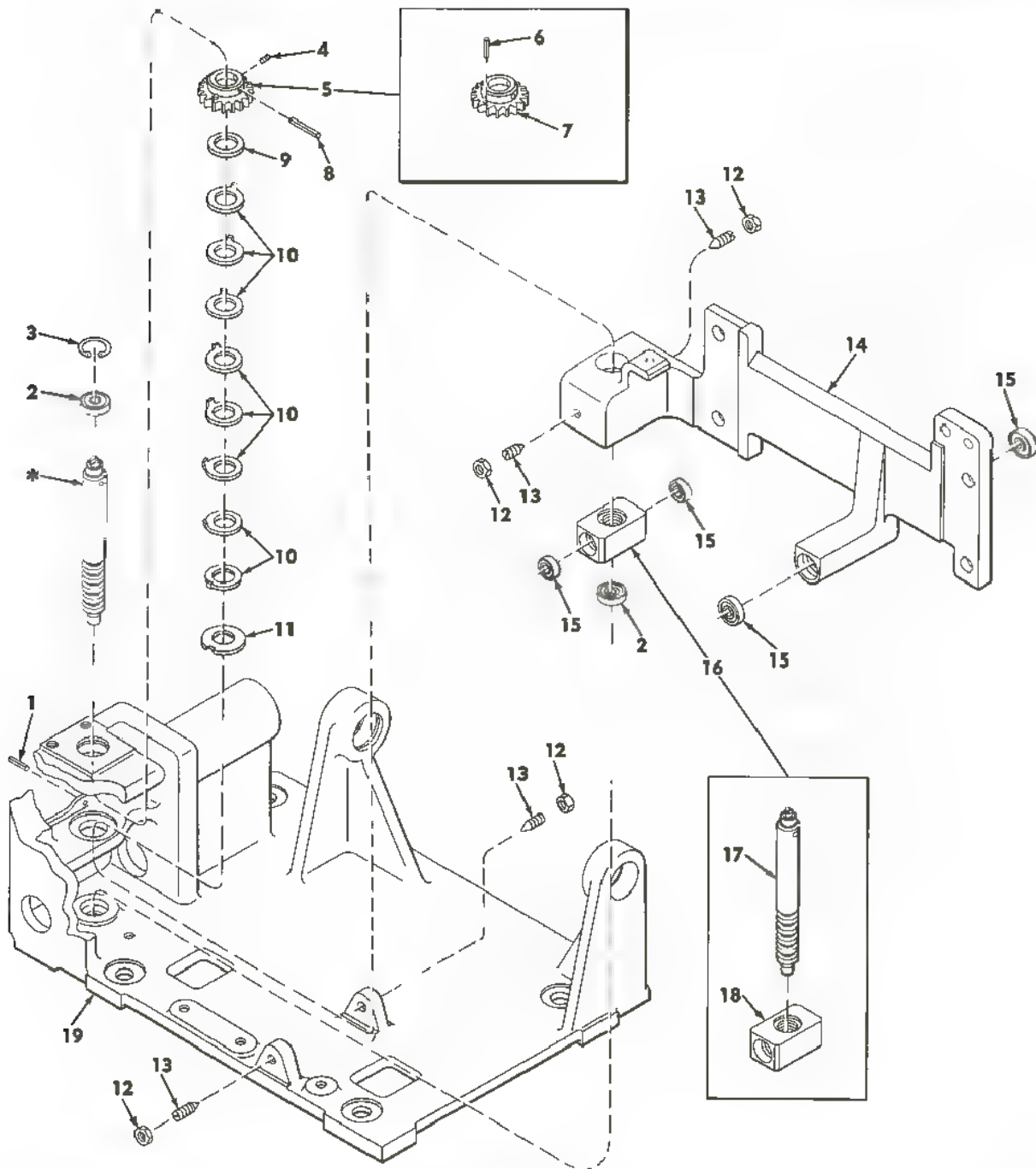
1 SET SCREW MS51981-17.....2	7 SCREW MS35265-27.....2	13 PRISM 8172048.....1
2 GEAR SET 8172053.....1	8 WASHER MS35338-41.....2	14 BRACKET 8172052.....1
3 PIN MS16562-202.....2	9 SHAFT 8171992.....1	15 PAD 8172149.....1
4 RING MS16632-1025.....2	10 PRISM 8172041.....1	16 HOUSING 8172158.....1
5 RING MS16625-4062.....2	11 SCREW MS35265-12.....2	
6 BEARING 9157416.....2	12 PAD 8172027.....1	

FIGURE 214. LEVEL, PRECISION, MASTER SUBASSEMBLY /8172012/-PARTIAL EXPLODED VIEW



1	SCREW	221124.....	2	9	WASHER	131041.....	2	17	RING	MS16632-1025.....	1
2	WASHER	AN935-3.....	2	10	SCREW	MS16997-13.....	2	18	RING	MS16625-4062.....	1
3	SPRING	9136211.....	1	11	SCREW	MS16997-23.....	1	19	BEARING	9157416.....	1
4	BALL	MS19060-19.....	1	12	WASHER	MS35338-41.....	1	20	SHAFT	8172036.....	1
5	RING	MS16624-1018.....	2	13	CLAMP	8172034.....	1	21	PIN	MS16562-201.....	1
6	BEARING	11207185-4.....	1	14	COUNTER	8519569.....	1	22	PIN	MS16562-199.....	1
7	CLAMP	8172035.....	1	15	SETSCREW	MS51981-9.....	2	23	GEAR	8172037.....	1
8	WASHER	MS27183-4.....	2	16	GEAR	8015774.....	1	24	GEAR	8015760.....	1

FIGURE 215. LEVEL, PRECISION, MASTER SUBASSEMBLY /8172012/ PARTIAL EXPLODED VIEW



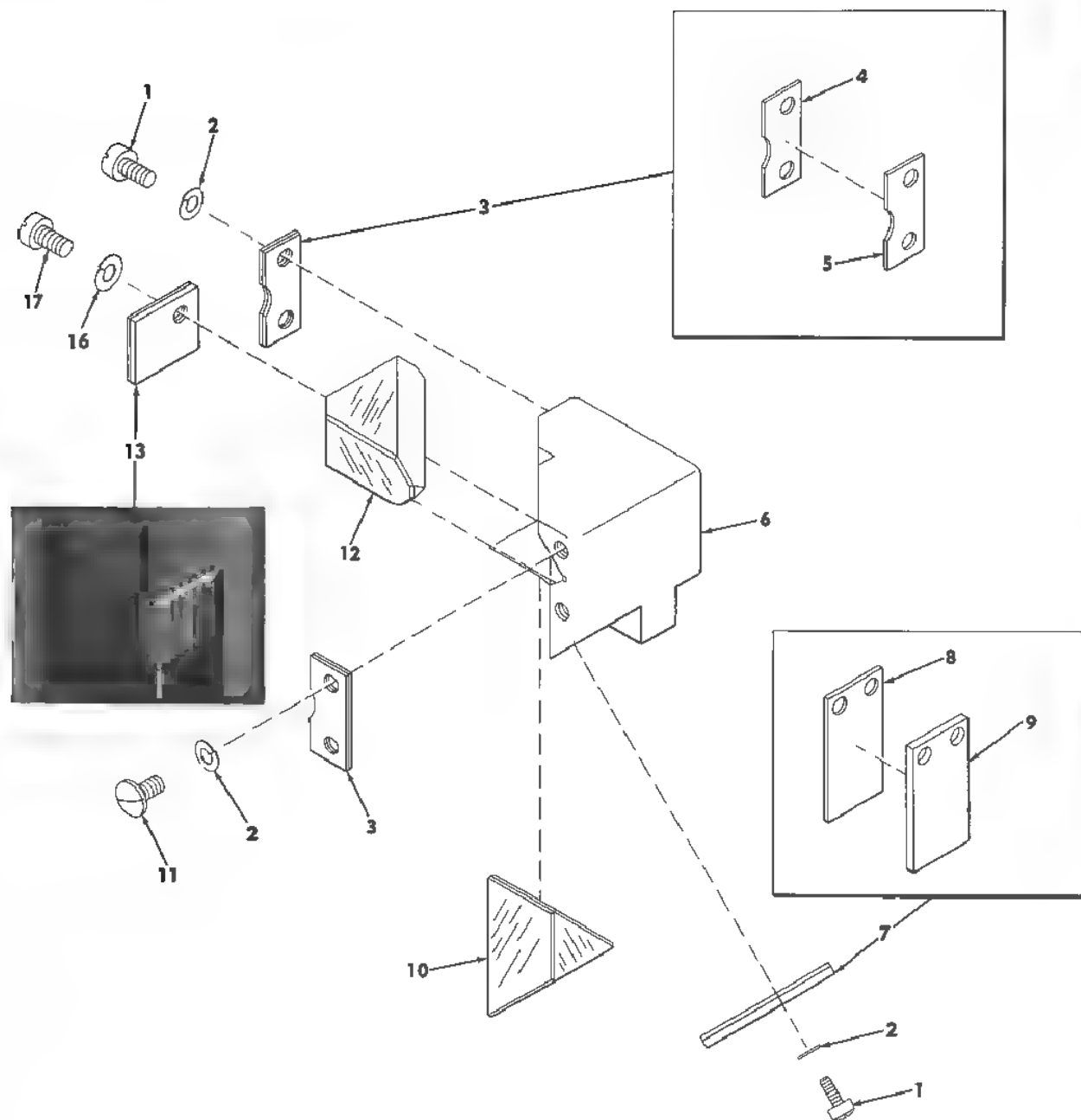
ORD G304875

1	PIN MS16562-190.....1	9	WASHER 8016655.....1	17	SHAFT 8158070.....1
2	BEARING 11207185-4.....2	10	WASHER 8016653.....8	18	BLOCK 8020840.....1
3	RING MS16629-1050.....1	11	WASHER 8172020.....1	19	HOUSING 9005446.....1
4	SETSCRFW MS51981-9.....1	12	NUT MS35649-282.....4		
5	GEAR 8172019.....1	13	SETSCRFW 119966.....4		
6	PIN MS16562-199.....1	14	PLATE 8017213.....1		
7	GEAR 8172019-4.....1	15	BEARING 8176230.....4		
8	PIN MS16562-203.....1	16	SHAFT ASSEMBLY 9136051.....1		

\* COMPONENT OF ITEM 16

FIGURE 216. LEVEL, PRECISION, MASTER SUBASSEMBLY /8172012/-PARTIAL EXPLODED VIEW

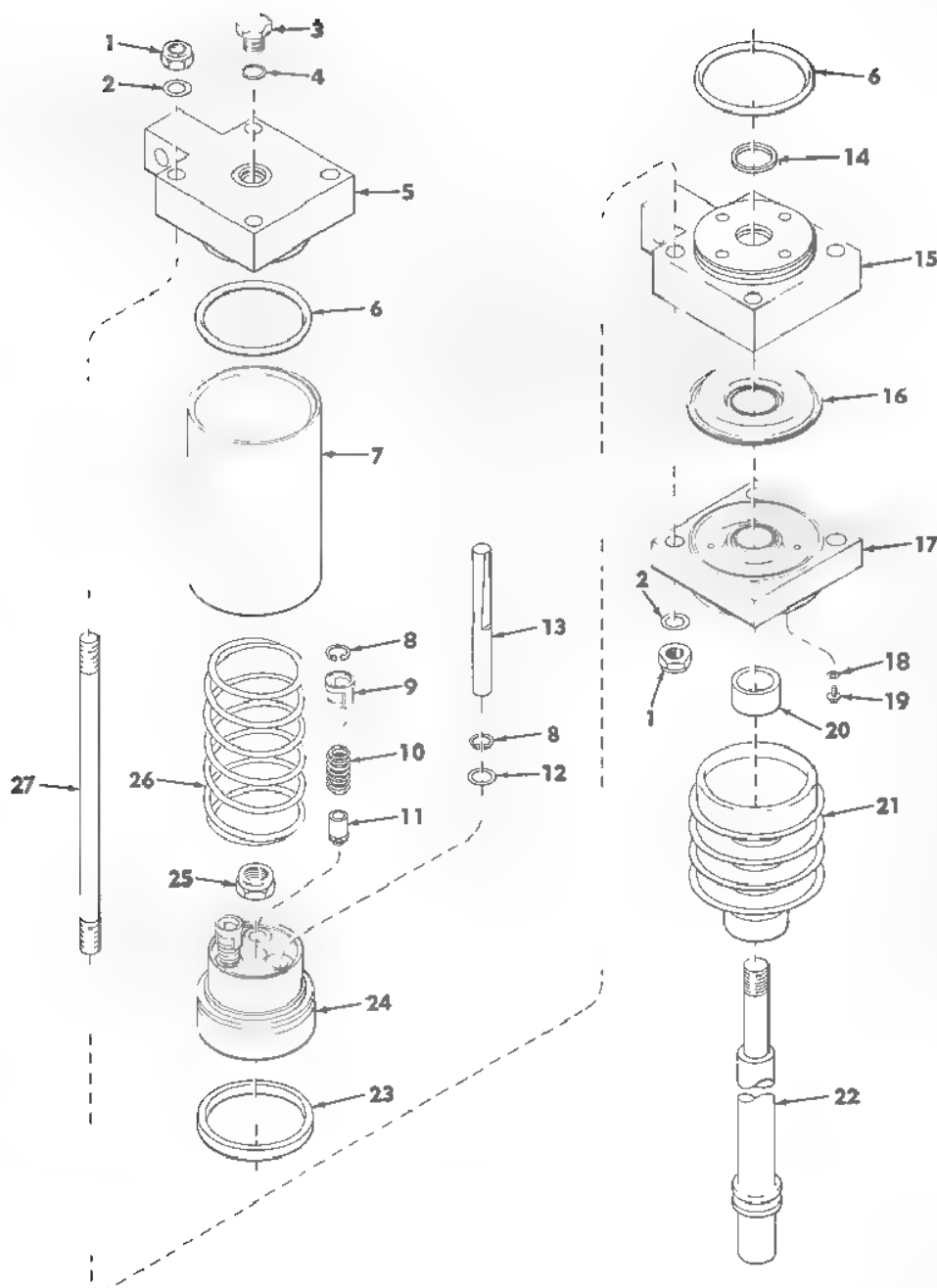




ORD G304876

1 SCREW MS35265-13.....4	7 PLATE 8517300.....1	13 PLATE 8172150.....1
2 WASHER MS35338-40.....6	8 GASKET 8517301.....1	14 GASKET 8172146.....1
3 PLATE 8172148.....2	9 PLATE 8172154.....1	15 PLATE 8172147.....1
4 GASKET 8172120.....1	10 PRISM 8172049.....1	16 WASHER MS35338-41.....1
5 PLATE 8172119.....1	11 SCREW MS35206-213.....2	17 SCREW MS35265-26.....1
6 BRACKET 8172051.....1	12 PRISM 8172050.....1	

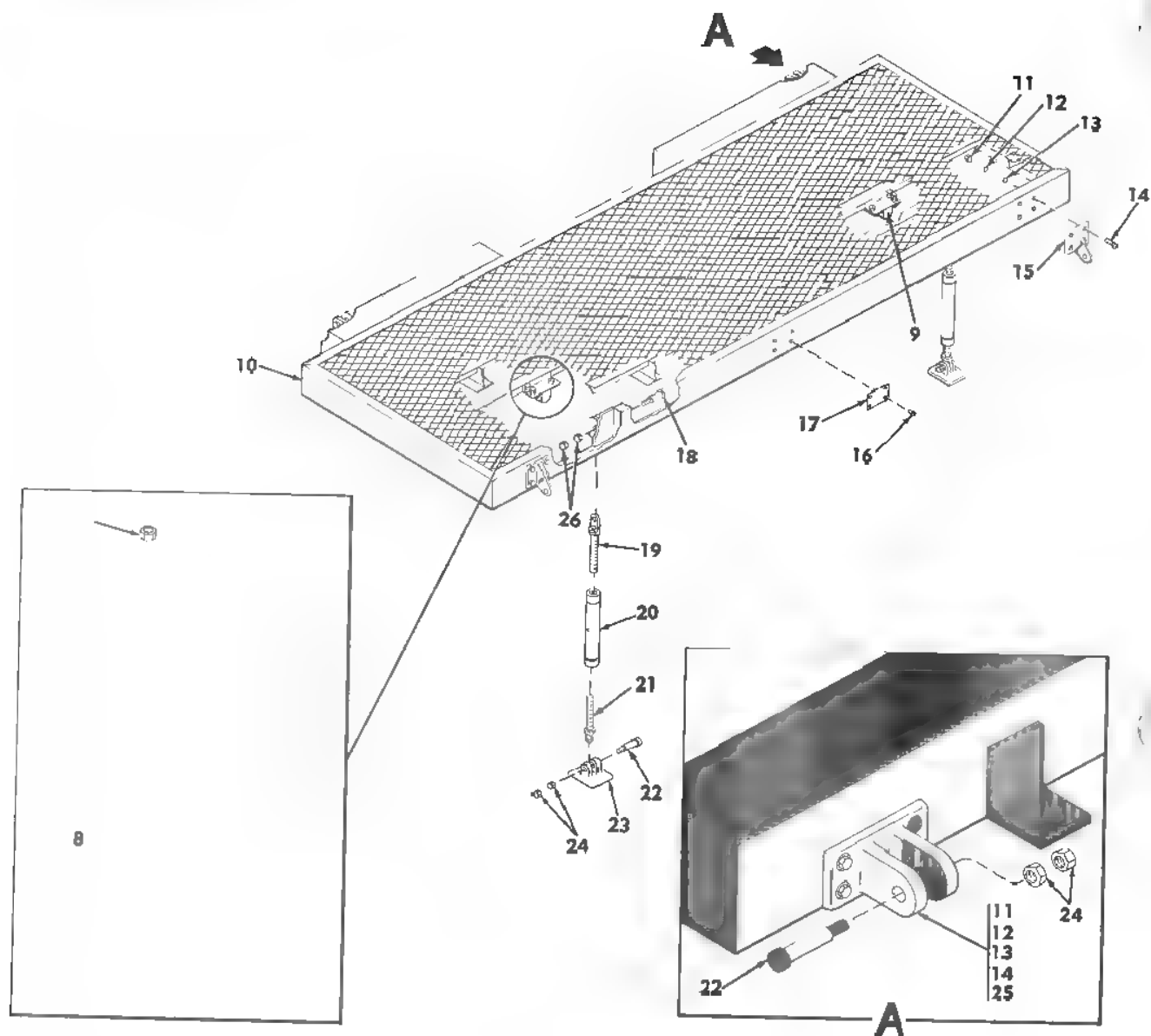
FIGURE 217. PRISM ASSEMBLY /8172118/-EXPLODED VIEW  
/SEE FIGURE 210 FOR NEXT HIGHER ASSEMBLY/



ORD G304877

1 NUT MS21083N6.....8	10 SPRING 8511452.....2	19 SCREW MS35206-225.....2
2 WASHER AN960C616.....8	11 SEAT 8511447.....2	20 BEARING 85115647.....1
3 PLUG AN814-40.....1	12 WASHER 8511454.....1	21 BELLOWS 8511443.....1
4 PACKING 10596841-1.....1	13 PIN 8511451.....1	22 ROD 8511445.....1
5 HEAD 9000107.....1	14 GASKET 8024647.....1	23 PACKING 9000727.....1
6 PACKING 8515531.....2	15 HEAD 9000106.....1	24 PISTON 8511444.....1
7 CYLINDER 8511446.....1	16 DIAPHRAGM 8511449.....1	25 NUT MS21083N8.....1
8 RING MS16625-4062.....3	17 ADAPTER 8511442.....1	26 SPRING 9136193.....1
9 GUIDE 8511448.....2	18 WASHER MS27183-6.....2	27 STUD 8511450.....4

FIGURE 218. SHOCK ABSORBER /9136192/-EXPLODED VIEW  
/SEE FIGURE 177 FOR NEXT HIGHER ASSEMBLY/

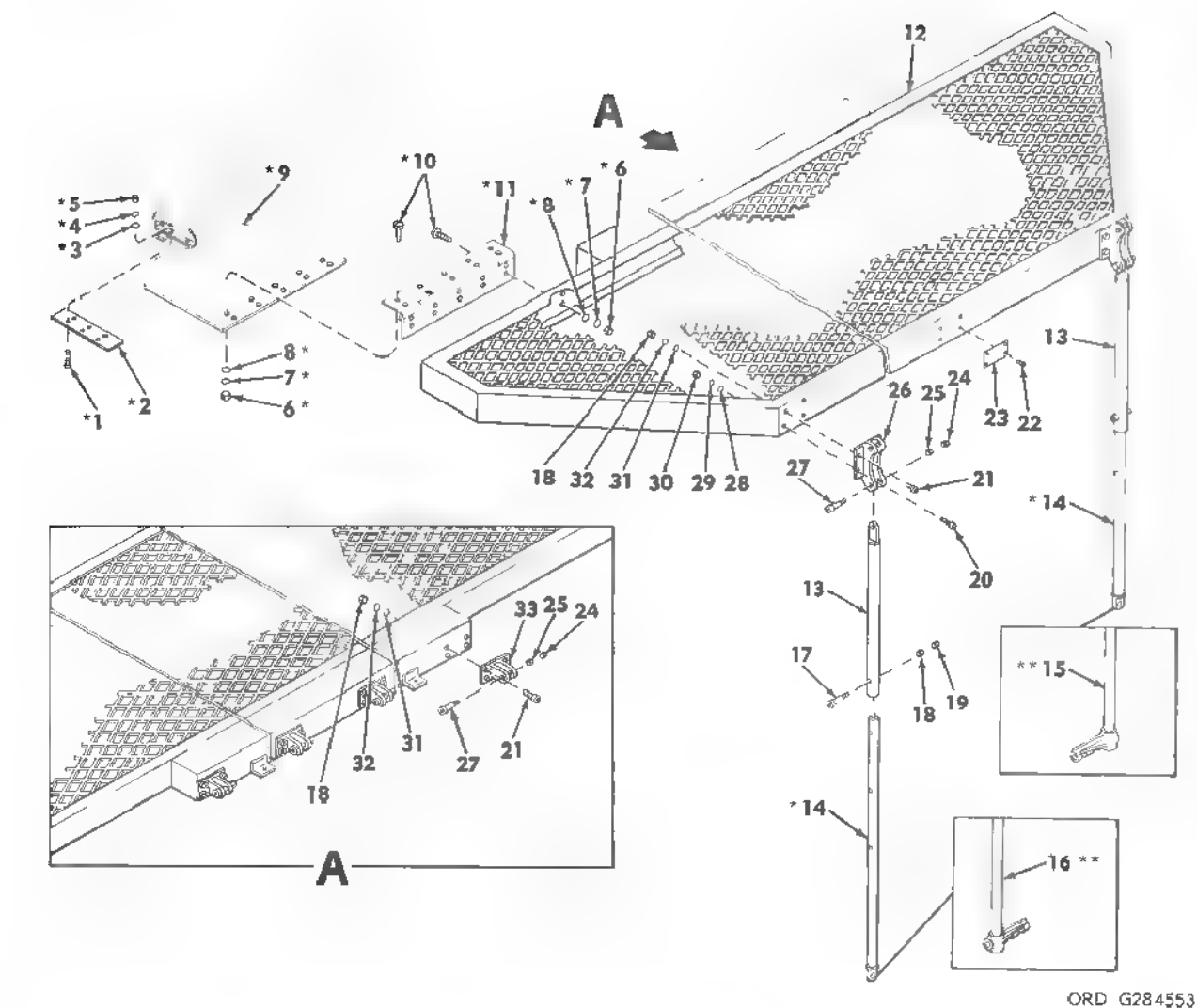


ORD G304878

1 NUT MS35649-202.....4	10 PLATFORM ASSEMBLY	18 SCREW 8159381.....2
2 WASHER MS35338-43.....4	8159207.....1	19 BOLT 9137575.....2
3 WASHER MS27183-8.....4	11 NUT MS51967-5.....16	20 SUPPORT 9137504.....2
4 SCREW MS35206-283.....2	12 WASHER MS35338-45.....16	21 BOLT 8159188.....2
5 WASHER MS35338-44.....4	13 WASHER 61-0542-1.....16	22 SCREW 8159380.....4
6 WASHER MS27183-10.....2	14 SCREW MS16997-81.....16	23 BRACKET 8159205.....2
7 NUT MS35425-39.....2	15 BRACKET 9142744.....2	24 NUT MS51971-3.....8
8 SCREW MS35206-264.....4	16 SCREW MS24630-10.....4	25 BRACKET 8159202.....2
9 BRACKET 8159198.....2	17 PLATE 9154623.....1	26 NUT MS51971-2.....4

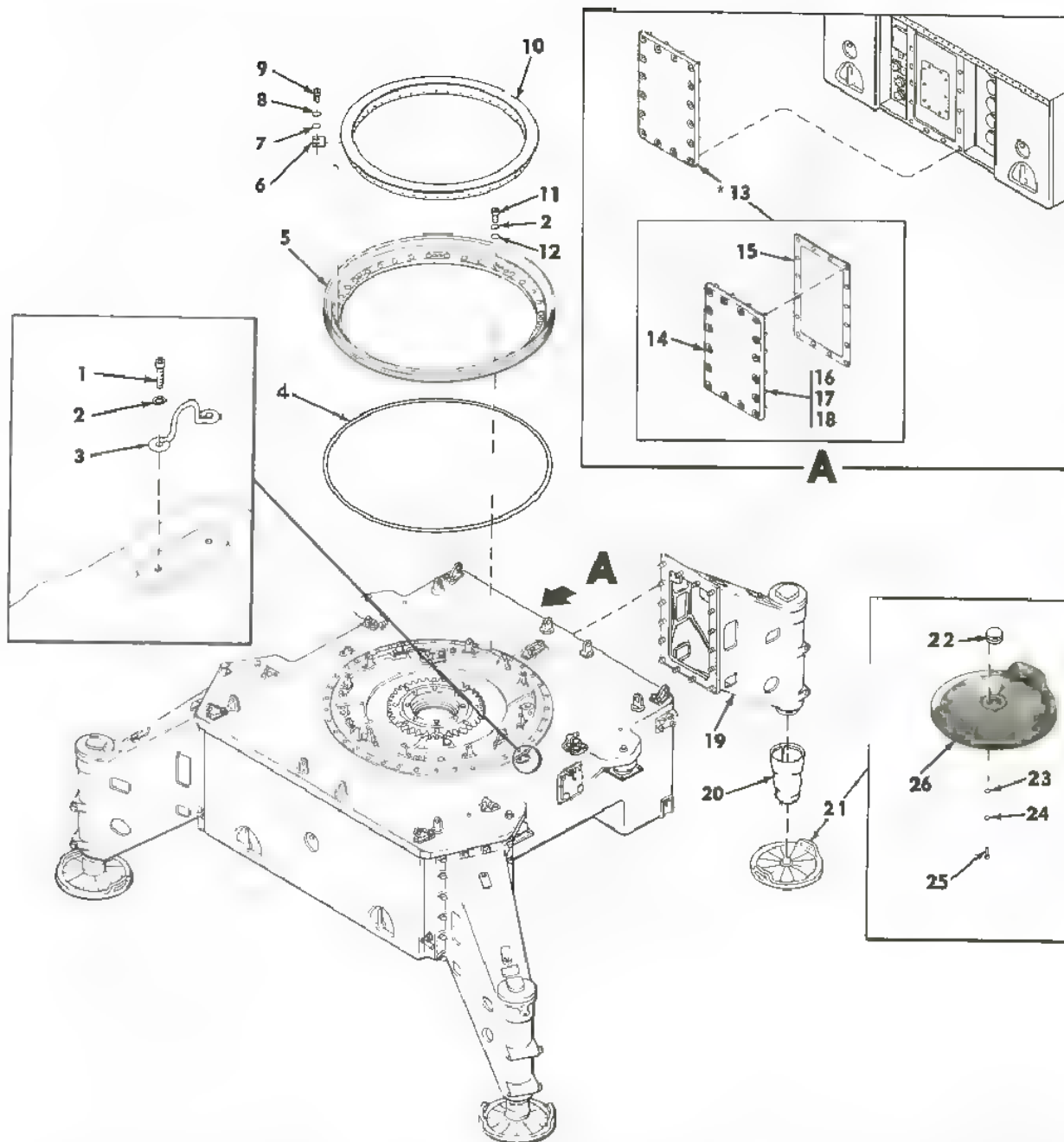
FIGURE 219. PLATFORM, ANTENNA SUPPORT BASE /9136463/-EXPLODED VIEW  
/SEE FIGURE 161 FOR NEXT HIGHER ASSEMBLY/





- |    |                                    |    |                        |    |                          |
|----|------------------------------------|----|------------------------|----|--------------------------|
| 1  | SCREW MS35190-273.....6            | 13 | SUPPORT 9137612.....2  | 25 | NUT MS51967-8.....6      |
| 2  | PLATE 8159397.....1                | 14 | SUPPORT 9137616.....2  | 26 | BRACKET 8159204.....2    |
| 3  | WASHER MS27183-8.....6             | 15 | SUPPORT 9136483.....1  | 27 | SCREW 8159380.....6      |
| 4  | WASHER MS35338-43.....6            | 16 | SUPPORT 91364#4.....1  | 28 | WASHER MS27183-18.....4  |
| 5  | NUT MS35649-202.....6              | 17 | SCREW 8159381.....2    | 29 | WASHER MS35338-46.....4  |
| 6  | NUT MS51967-5.....20               | 18 | NUT MS51967-5.....22   | 30 | NUT MS51967-14.....4     |
| 7  | WASHER MS35338-45.....20           | 19 | NUT MS51971-2.....2    | 31 | WASHER MS27183-12.....20 |
| 8  | WASHER 61-0542-1.....20            | 20 | SCREW MS90728-11.....4 | 32 | WASHER MS35338-45.....20 |
| 9  | PLATFORM ASSEMBLY<br>8159208.....1 | 21 | BOLT MS90728-36.....20 | 33 | BRACKET 8159202.....4    |
| 10 | SCREW MS35206-298.....20           | 22 | SCREW MS24630-10.....4 |    |                          |
| 11 | HINGE 9137776.....1                | 23 | PLATE 9154623.....1    |    |                          |
| 12 | PLATFORM ASSEMBLY<br>8159206.....1 | 24 | NUT MS51971-3.....6    |    |                          |
|    |                                    |    |                        |    | * FOR PLATFORM 9136462   |
|    |                                    |    |                        |    | ** FOR PLATFORM 9136461  |

FIGURE 221. PLATFORM, ANTENNA SUPPORT GROUP /9136461 AND 9136462/-EXPLODED VIEW  
/SEE FIGURE 161 FOR NEXT HIGHER ASSEMBLY/



1 SCREW MS16997-60.....4  
 2 WASHER MS35338-44.....4  
 3 STRAP 8000941.....2  
 4 PACKING 8515217.....1  
 5 RING 8515215.....1  
 6 PLATE 8171693.....8  
 7 WASHER MS27183-8.....16  
 8 WASHER MS35338-43.....16  
 9 SCREW MS16997-46.....16  
 10 BEARING 8171631.....1

11 SCREW MS16997-62.....36  
 12 WASHER AN960C416.....36  
 13 COVER ASSEMBLY 8171224.....1  
 14 COVER 8171163.....1  
 15 GASKET 8000500.....1  
 16 SCREW 8150138.....16  
 17 WASHER MS27183-23.....16  
 18 WASHER MS35338-51.....16  
 19 LEG 8512741.....3  
 SEE FIGURE 242 FOR DETAILS

20 BOOT 8000980.....3  
 21 PLATE 8000595.....3  
 22 BLOCK 8021323.....1  
 23 WASHER AN960-516.....2  
 24 WASHER MS35338-45.....2  
 25 SCREW MS16997-80.....2  
 26 PLATE 8000508.....1

ORD G304880

\* INSTALL ONLY WHEN SHIPPING

FIGURE 222. EQUIPMENT ENCLOSURE, AZIMUTH DRIVE /9136465/-PARTIAL EXPLODED VIEW  
 /SEE FIGURE 161 FOR NEXT HIGHER ASSEMBLY/

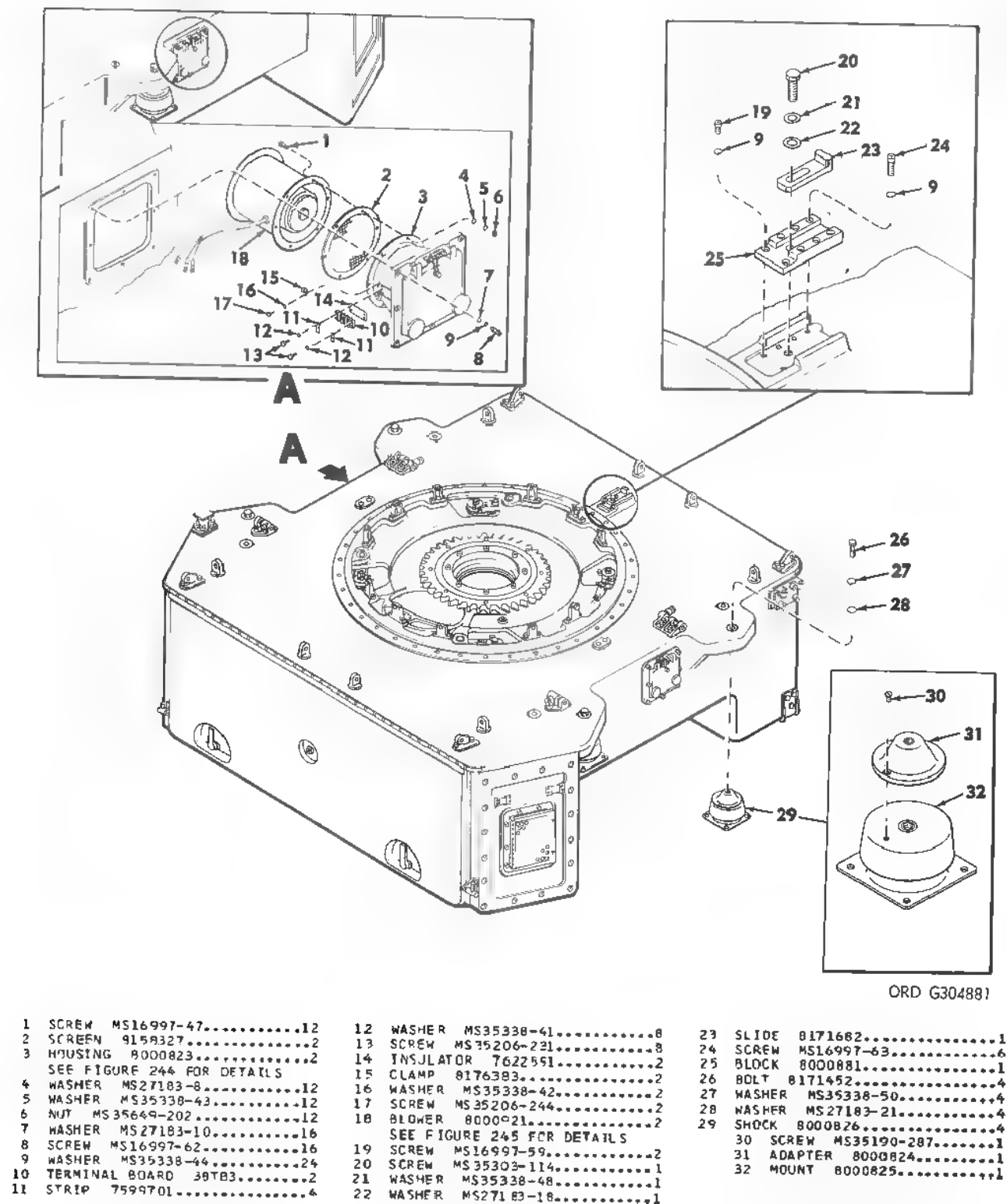
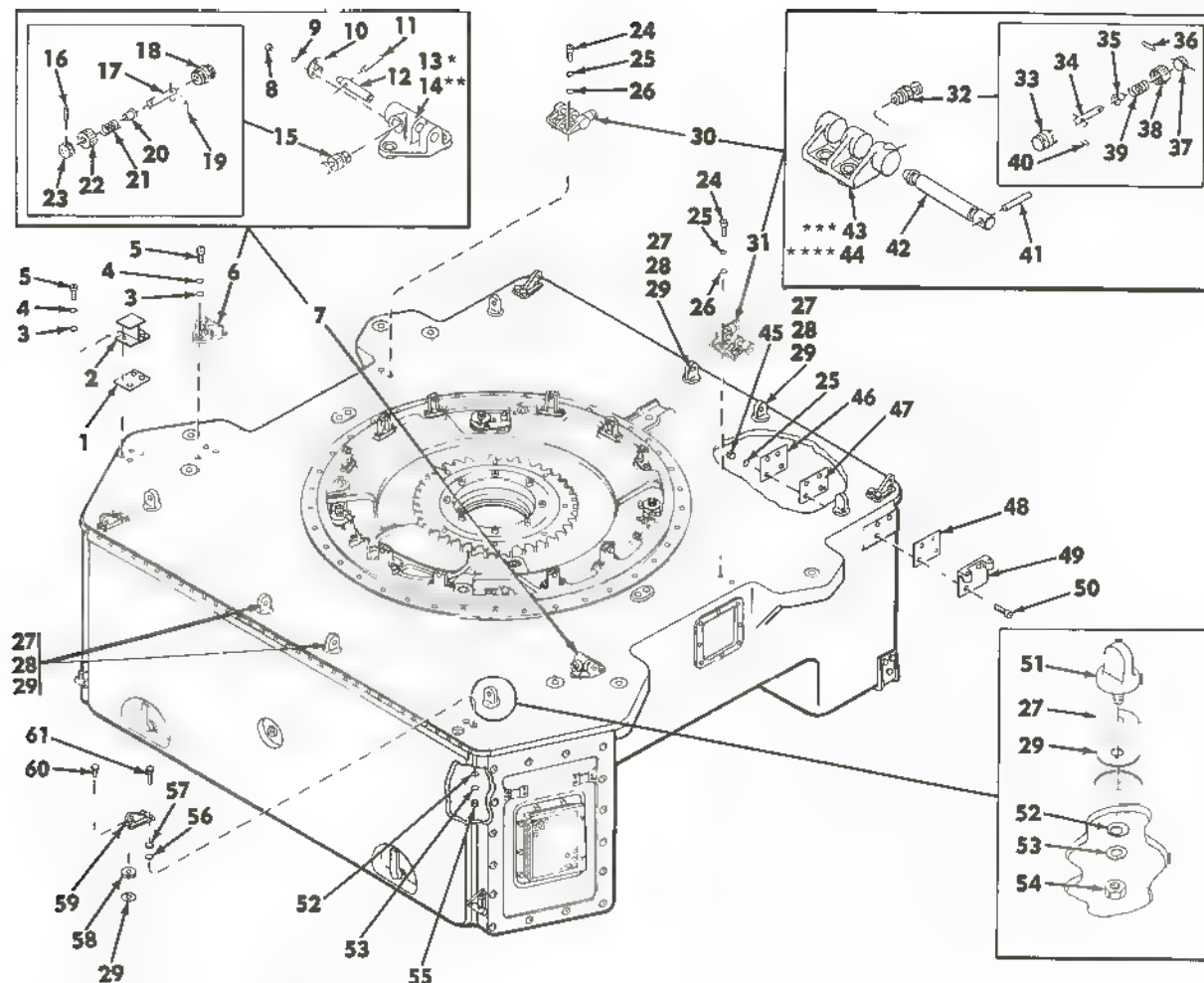


FIGURE 223. EQUIPMENT ENCLOSURE, AZIMUTH DRIVE /9136465/-PARTIAL EXPLODED VIEW



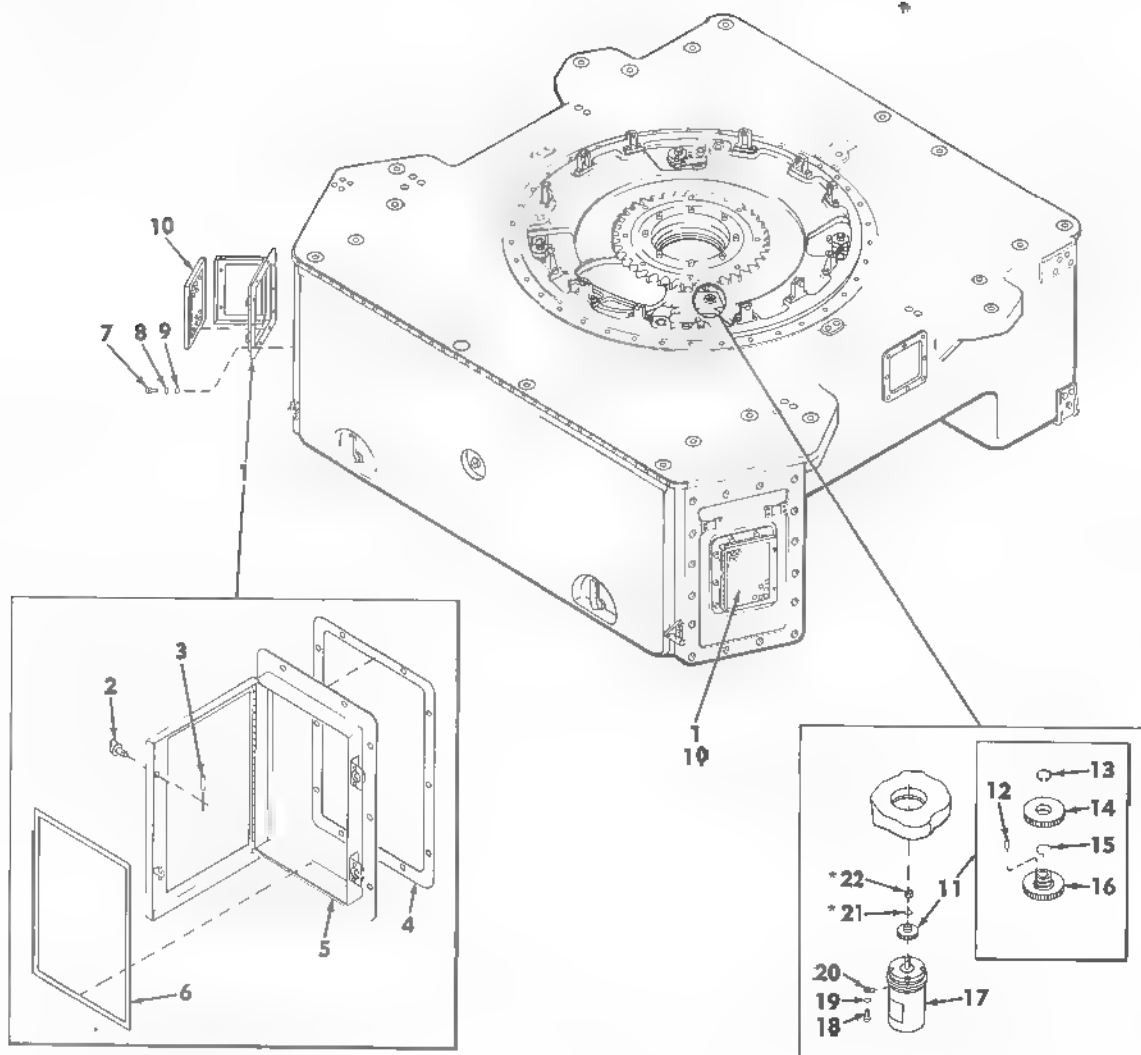
ORD G304882

1 SHIM 9136345.....1	23 KNOB 9003174.....1	45 NUT MS51967-8.....4
2 LATCH 8159396.....1	24 SCREW MS16997-100.....4	46 PLATE 8016546.....1
3 WASHER MS27183-10.....10	25 WASHER MS35338-46.....8	47 PLATE 8016543.....1
4 WASHER MS35338-44.....10	26 WASHER MS27183-15.....4	48 PLATE 8016545.....1
5 SCREW MS16997-61.....10	27 WASHER 8159197.....8	49 SUPPORT 8223595.....1
6 RETAINER 9003115.....1	28 BOLT 9136485.....4	50 SCREW MS90728-67.....4
7 RETAINER 9003117.....1	29 SPACER 9137512.....12	51 BOLT 8159203.....4
8 SCREW MS35206-213.....3	30 LEAF 9003113.....1	52 WASHER MS27183-18.....12
9 WASHER MS35338-40.....3	31 LEAF 9003110.....1	53 WASHER MS35338-48.....12
10 STOP 9003101.....1	32 RELEASE BRACE	54 NUT MS35691-33.....4
11 PIN NAS561C8-22.....1	9003177.....1	55 NUT MS51967-14.....8
12 PIN 9003100.....1	33 HOUSING 9003176.....1	56 SPACER 9143113.....8
13 RETAINER 9003118.....1	34 PIN 9003173.....1	57 SPACER 9143222.....8
14 RETAINER 9003116.....1	35 RETAINER 9003175.....1	58 SPACER 9143221.....4
15 RELEASE BRACE	36 PIN MS16562-197.....1	59 BRACKET 9143146.....4
9003177.....1	37 KNOB 9003174.....1	60 SCREW MS90728-110.....4
16 PIN MS16562-197.....1	38 RETAINER 9003171.....1	61 SCREW MS35303-114.....8
17 PIN 9003173.....1	39 SPRING 9003172.....1	
18 HOUSING 9003176.....1	40 PIN MS16562-193.....1	
19 PIN MS16562-193.....1	41 PIN MS16562-255.....1	
20 RETAINER 9003175.....1	42 PIN 9003112.....1	
21 SPRING 9003172.....1	43 LEAF 9003114.....1	
22 RETAINER 9003171.....1	44 LEAF 9003111.....1	

\* COMPONENT OF ITEM 6  
 \*\* COMPONENT OF ITEM 7  
 \*\*\* COMPONENT OF ITEM 30  
 \*\*\*\* COMPONENT OF ITEM 31

FIGURE 224. EQUIPMENT ENCLOSURE, AZIMUTH DRIVE /9136465/ PARTIAL EXPLODED VIEW



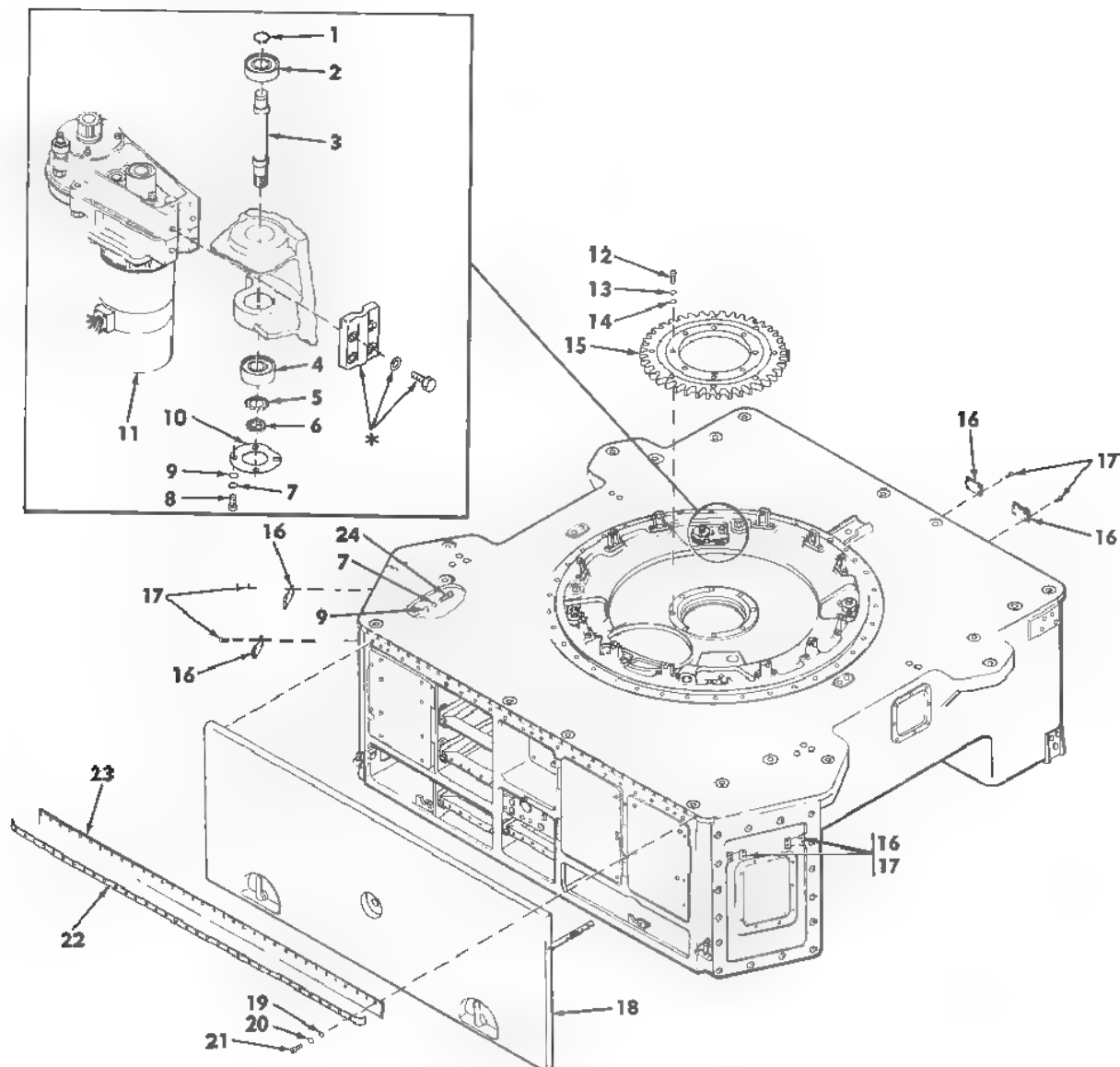


ORD G304883

1	FRAME 8021322.....2	10	FILTER ELEMENT 10167487.....2	19	WASHER MS35338-42.....3
2	PIN 9003745.....2	11	GEAR ASSEMBLY 8171669.....1	20	CLAMP 7598002.....3
3	PIN 7598936.....2	12	PIN 8171697.....1	21	WASHER 7667346.....1
4	GASKET 8000748.....1	13	RING MS16624-1040.....1	22	NUT 7667347.....1
5	FRAME 8021321.....1	14	GEAR 8171668.....1		
6	GASKET 8021320.....1	15	SPRING 7598419.....1		
7	SCREW MS16997-59.....20	16	GEAR 8171667.....1		
8	WASHER MS35338-44.....20	17	SYNCHRO 23CX4D.....1		
9	WASHER MS27183-10.....20	18	SCREW MS35206-245.....3		

\* FURNISHED WITH ITEM 17

FIGURE 225. EQUIPMENT ENCLOSURE, AZIMUTH DRIVE (9136465) PARTIAL EXPLODED VIEW

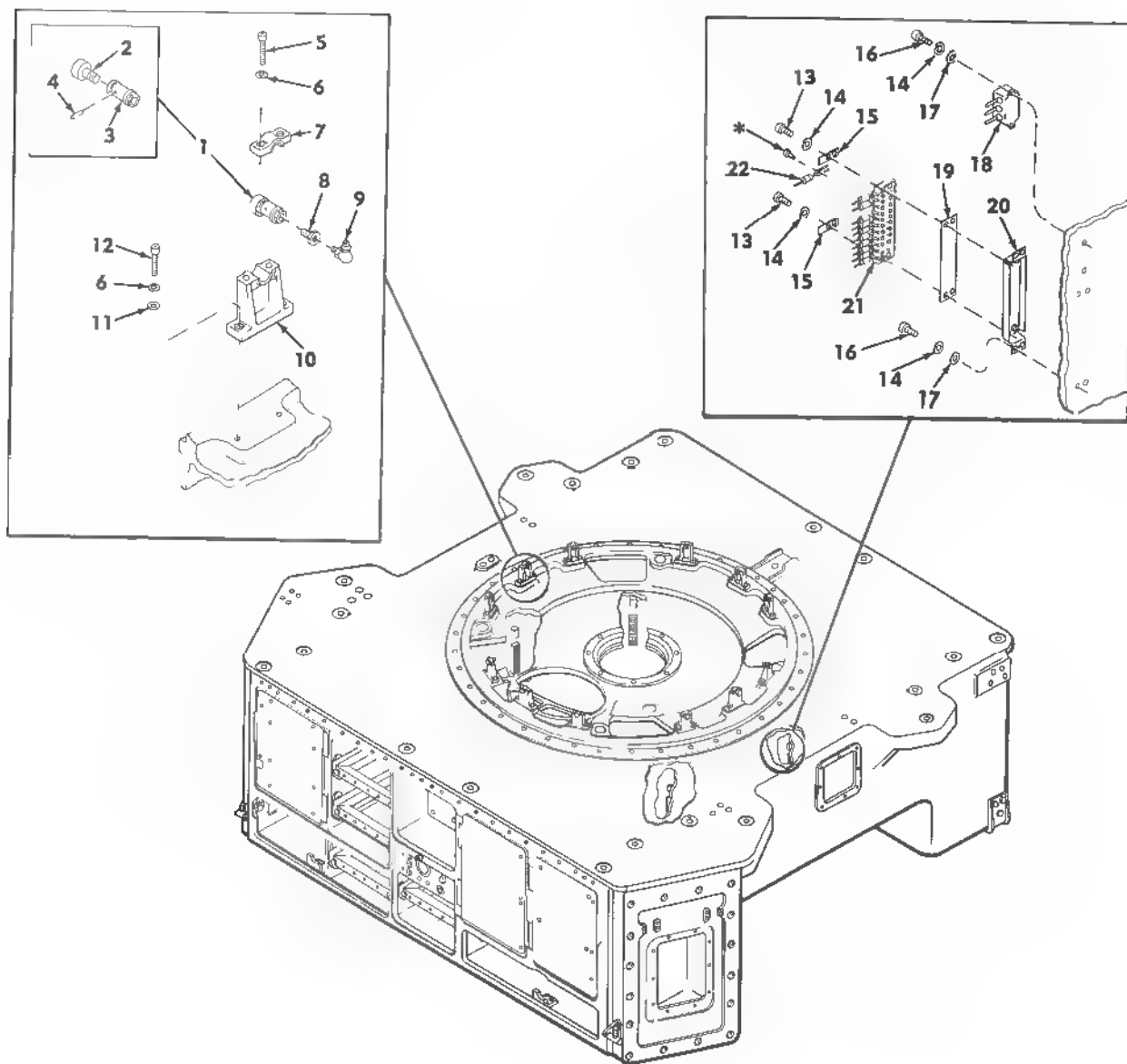


ORD G304884

1 RING MS16624-2078.....4	12 SCREW MS16997-102.....8	19 WASHER MS27183-7.....43
2 BEARING 8176840.....4	13 WASHER MS35338-46.....8	20 WASHER MS35338-42.....43
3 SHAFT 8171691.....4	14 WASHER AN960-616.....8	21 SCREW MS35206-245.....43
4 BEARING 714538.....4	15 GEAR-BEARING ASSEMBLY	22 STRIP 8020779.....1
5 WASHER MS19070-041.....4	10668120.....1	23 SHIELD 8020777.....1
6 NUT 712080.....4	SEE FIGURE 248 FOR DETAILS	24 SCREW MS35265-60.....23
7 WASHER MS35338-43.....39	16 BRACKET 8000869.....6	
8 SCREW MS35206-265.....16	17 SCREW MS35190-289.....24	
9 WASHER MS27183-8.....39	18 DOOR 8018622.....1	
10 RETAINER 8171687.....4	SEE FIGURE 249 FOR DETAILS	
11 GEARCASE-MOTOR 8171679.....4		
SEE FIGURE 246 FOR DETAILS		

\* COMPONENT OF ITEM 11

FIGURE 226. EQUIPMENT ENCLOSURE, AZIMUTH DRIVE /9136465/-PARTIAL EXPLODED VIEW

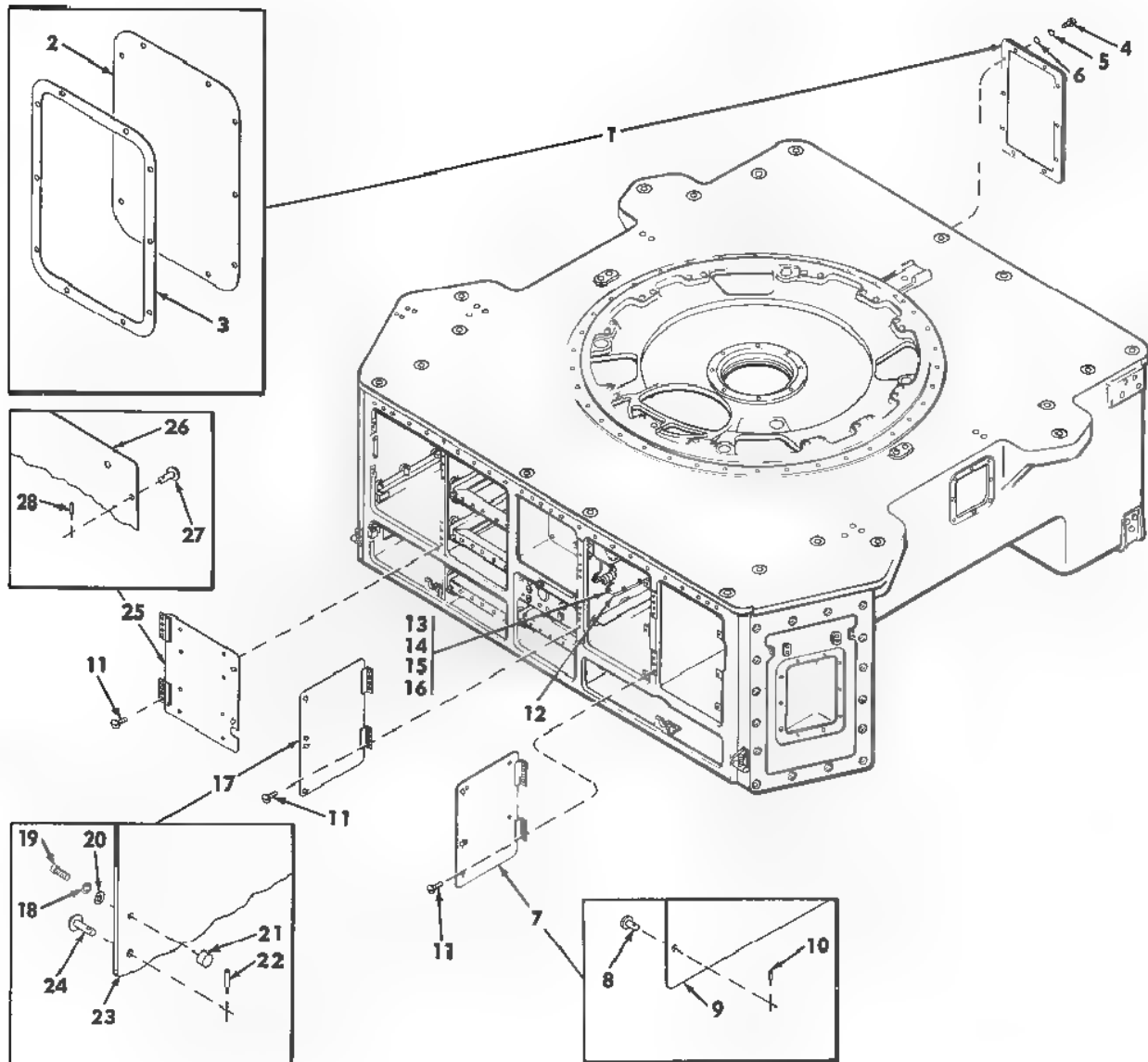


ORD G304885

1	ECCENTRIC SUBASSEMBLY	9	FITTING MS15001-4.....12	18	CAPACITOR CP5381EF504K1.....4
2	CAM 8000924.....1	10	BRACKET 9005611.....12	19	INSULATOR 8012432.....4
3	ECCENTRIC 8171680.....1	11	WASHER AN960-516.....24	20	BRACKET 8000925.....4
4	PIN MS16562-223.....1	12	SCREW MS16997-82.....24	21	TERMINAL BOARD 38T810.....4
5	SCREW MS16997-80.....24	13	SCREW MS35206-231.....16	22	TERMINAL 8515925.....44
6	WASHER MS35338-45.....48	14	WASHER MS35338-41.....40		
7	CLAMP 9998045.....12	15	PLATE 7522474.....8		
8	ADAPTER 8000605.....12	16	SCREW MS35206-230.....24		
		17	WASHER MS27183-6.....24		

\* FURNISHED WITH ITEM 21

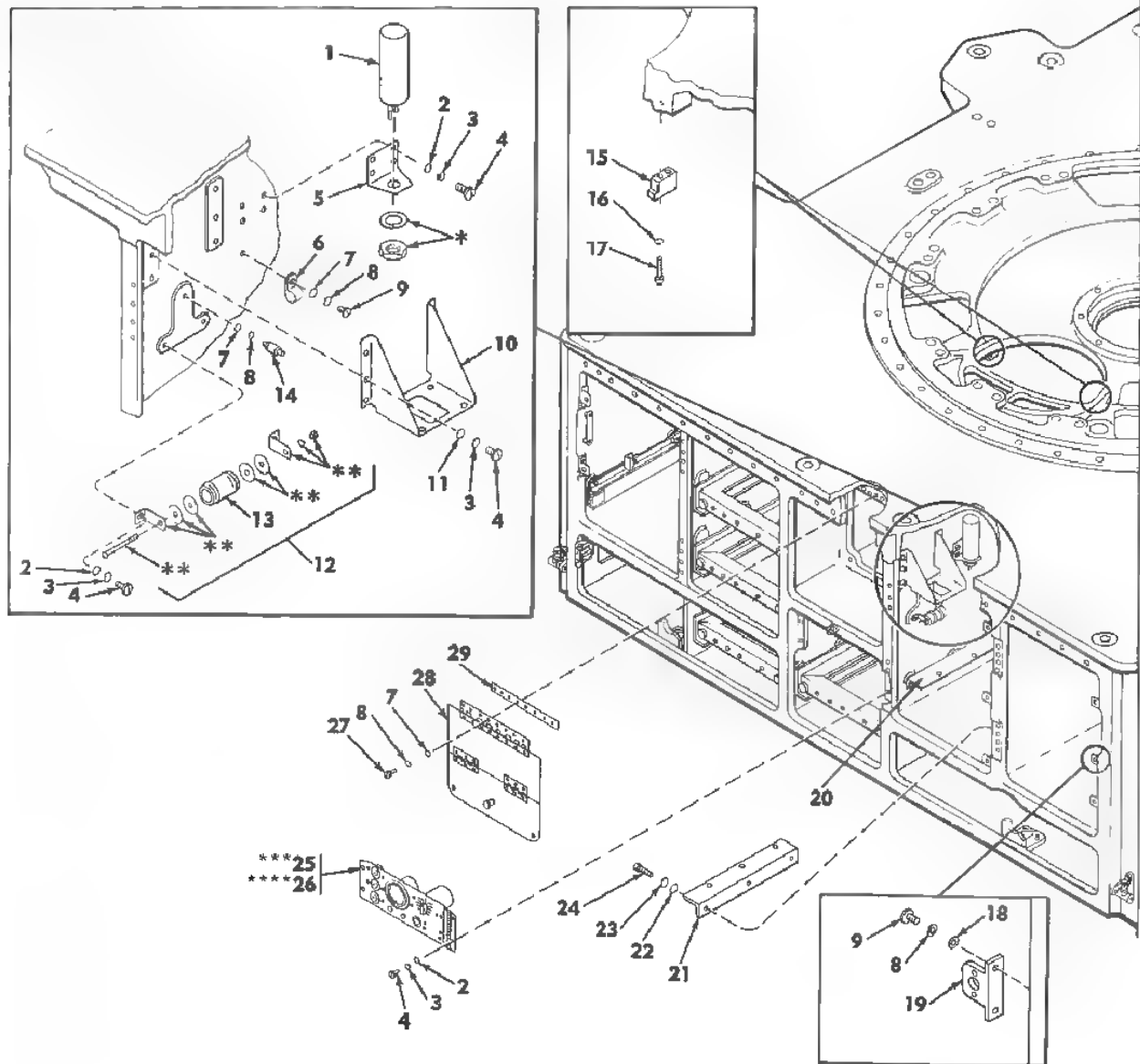
FIGURE 227. EQUIPMENT ENCLOSURE, AZIMUTH DRIVE /9136465/-PARTIAL EXPLODED VIEW



ORD G304886

1 COVER ASSEMBLY 8000844.....1	11 SCREW MS35206-243.....24	19 SCREW MS35265-27.....1
2 COVER 8000843.....1	12 WIRING HARNESS 8517722.....1	20 WASHER MS27183-6.....1
3 GASKET 8000748.....1	SEE FIGURE 276, NUMBER 14 FOR DETAILS	21 ROD 8000836.....1
4 SCREW MS16997-59.....10	13 CLAMP NAS139TR7.....12	22 PIN 7598936.....3
5 WASHER MS35338-44.....10	14 WASHER MS27183-7.....12	23 DOOR 8512229.....1
6 WASHER MS27183-10.....10	15 WASHER MS35338-42.....12	24 STUD 7598948.....3
7 DOOR 8174375.....1	16 SCREW MS35206-245.....12	25 DOOR 8520741.....1
8 STUD 7598948.....3	17 DOOR 8512228.....1	26 DOOR 8520740.....1
9 DOOR 8174376.....1	18 WASHER MS35338-41.....1	27 STUD 7598948.....2
10 PIN 7598936.....3		28 PIN 7598936.....2

FIGURE 228. EQUIPMENT ENCLOSURE, AZIMUTH DRIVE (P136465)-PARTIAL EXPLODED VIEW



MS 304887A

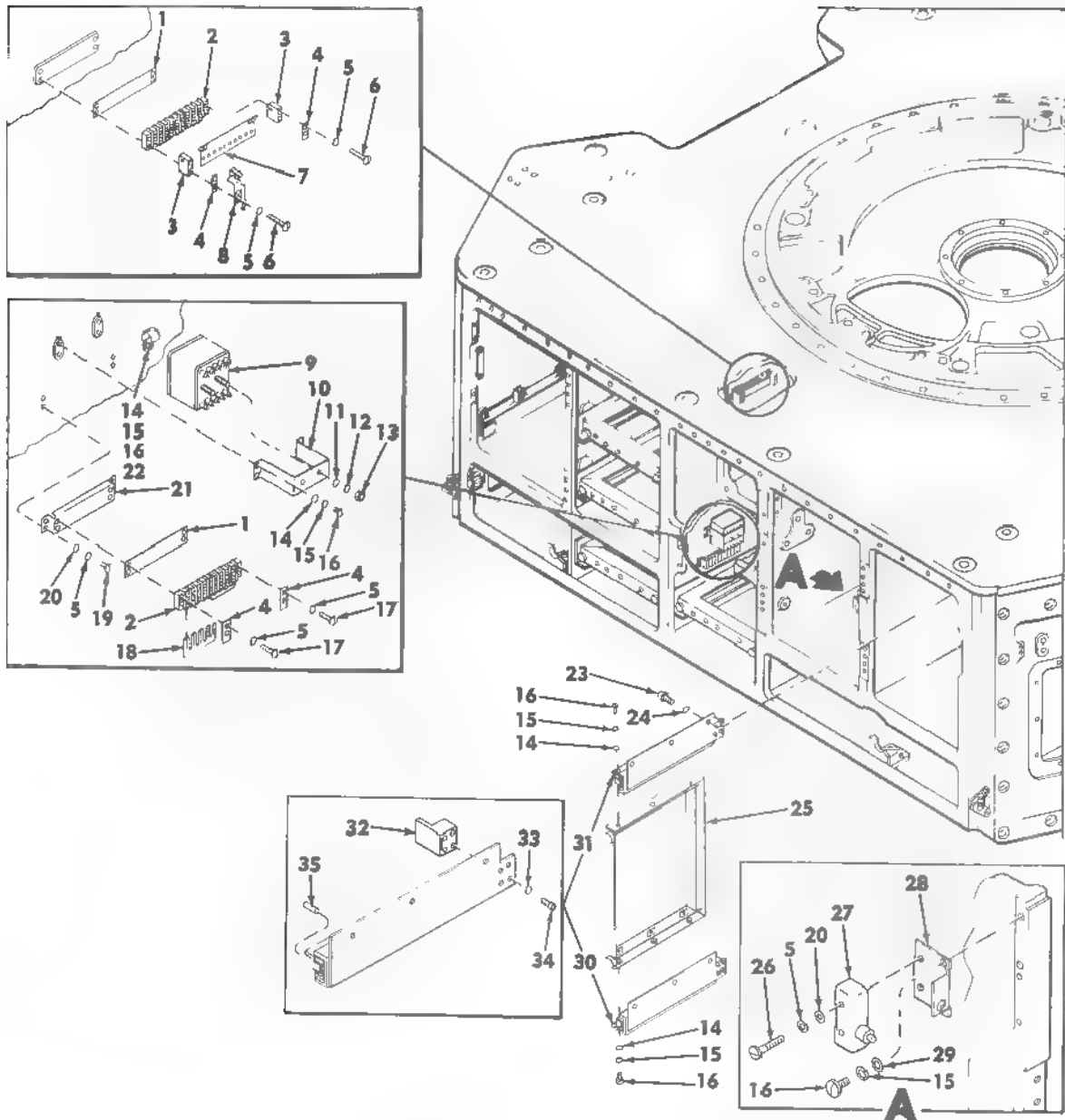
1 CAPACITOR CP4181EM105K1.....1  
2 WASHER MS27183-8.....8  
3 WASHER MS35338-43.....14  
4 SCREW MS35206-264.....14  
5 BRACKET 9000111.....1  
6 CLAMP NAS1397K8N.....1  
7 WASHER MS27183-7.....10  
8 WASHER MS35338-42.....26  
9 SCREW MS35206-245.....17  
10 BRACKET 8512226.....1  
11 WASHER AN960-10.....6  
12 HOLDER 9003636.....1  
13 RESISTOR 9007471.....1

14 TERMINAL 8023407.....1  
15 BLOCK 8000780.....2  
16 WASHER MS35338-44.....4  
17 SCREW MS16997-63.....4  
18 WASHER AN960-8.....16  
19 RECEPTACLE 8518800.....8  
20 BRACKET 8512227.....1  
21 BRACKET 8512225.....1  
22 WASHER 61-0542-1.....6  
23 WASHER MS35338-45.....6  
24 BOLT MS90725-34.....6  
25 PANEL 9005359.....1  
SEE FIGURE 251 FOR DETAILS

26 PANEL 9143888.....1  
SEE FIGURE 251 FOR DETAILS  
27 SCREW MS35206-244.....8  
28 DOOR 8518692.....1  
SEE FIGURE 252 FOR DETAILS  
29 SHIM 8518700.....1

\* FURNISHED WITH ITEM 1  
\*\* COMPONENT OF ITEM 12  
\*\*\* WITHOUT DA MWQ  
9-1430-253-30-35  
\*\*\*\* WITH DA MWQ 9-1430-253-30-35

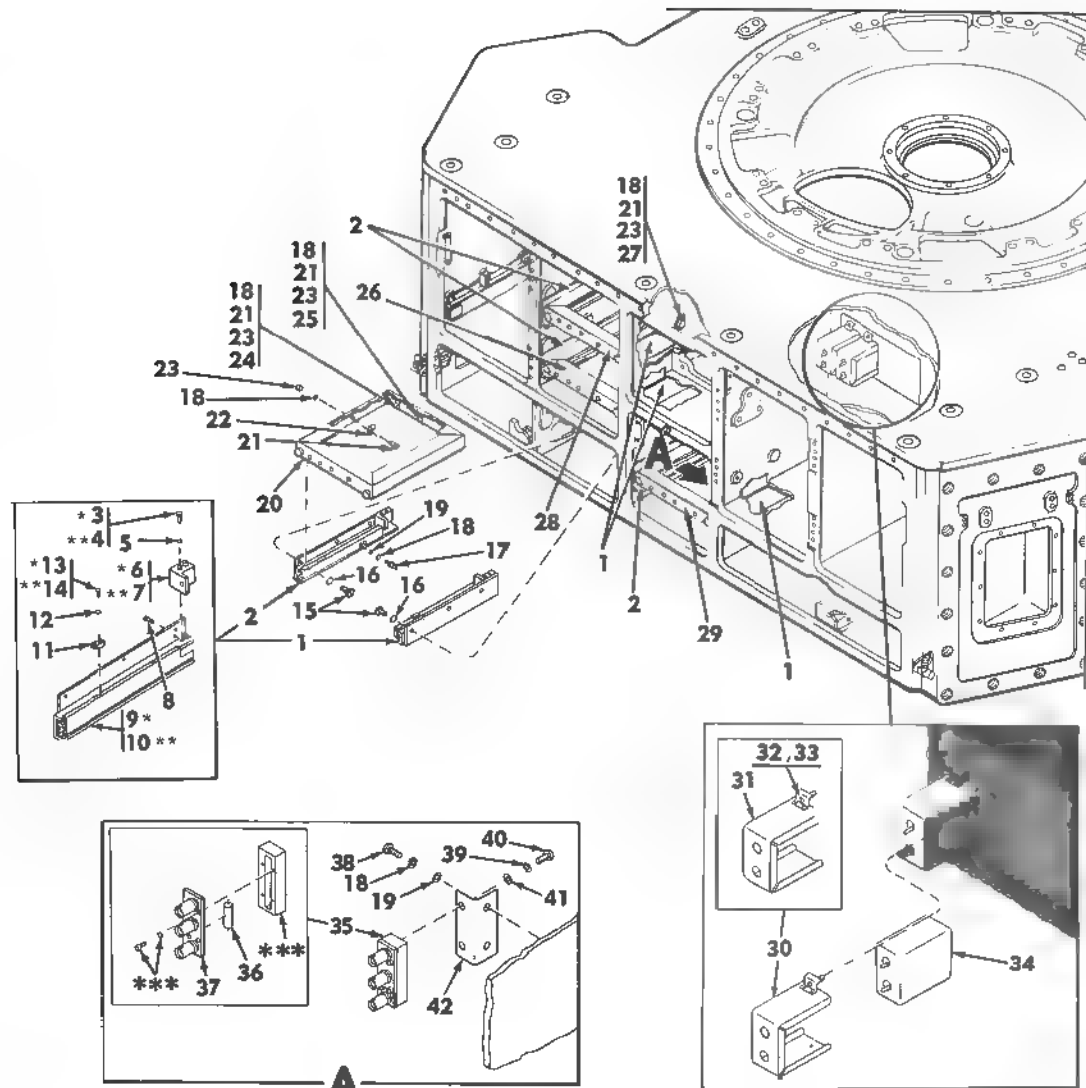
FIGURE 229. EQUIPMENT ENCLOSURE, AZIMUTH DRIVE (9136465)-PARTIAL EXPLODED VIEW



ORD G304688

1 INSULATOR 8012432.....2	13 NUT MS 35649-202.....2	25 FRAME 8174372.....1
2 TERMINAL BOARD 38T810.....2	14 WASHER MS27183-7.....11	SEE FIGURE 253 FOR DETAILS
3 INSULATOR 8017728.....2	15 WASHER MS35338-42.....13	26 SCREW MS35206-234.....2
4 PLATE 7622474.....4	16 SCREW MS 35206-245.....13	27 SWITCH #8805-L-013.....1
5 WASHER MS35338-41.....14	17 SCREW MS 35206-231.....4	28 BRACKET 8000834.....1
6 SCREW MS 35206-236.....4	18 CONTACT 8177149.....2	29 WASHER AN960-P.....2
7 COVER 8008104.....1	19 SCREW MS 35206-230.....4	30 SLIDE 8174430.....1
8 CONTACT 8017729.....1	20 WASHER MS27183-6.....6	31 SLIDE 8174429.....1
9 TRANSFORMER 8516337.....1	21 BRACKET 8000525.....1	32 STOP 8174437.....1
10 BRACKET 8171685.....1	22 CLAMP MS 25281P9.....1	33 WASHER MS35338-43.....4
11 WASHER MS27183-B.....2	23 SCREW 8515944.....6	34 SCREW A*35263-64.....4
12 WASHER MS 35338-43.....2	24 WASHER MS27183-1C.....6	35 PIN MS16562-250.....1

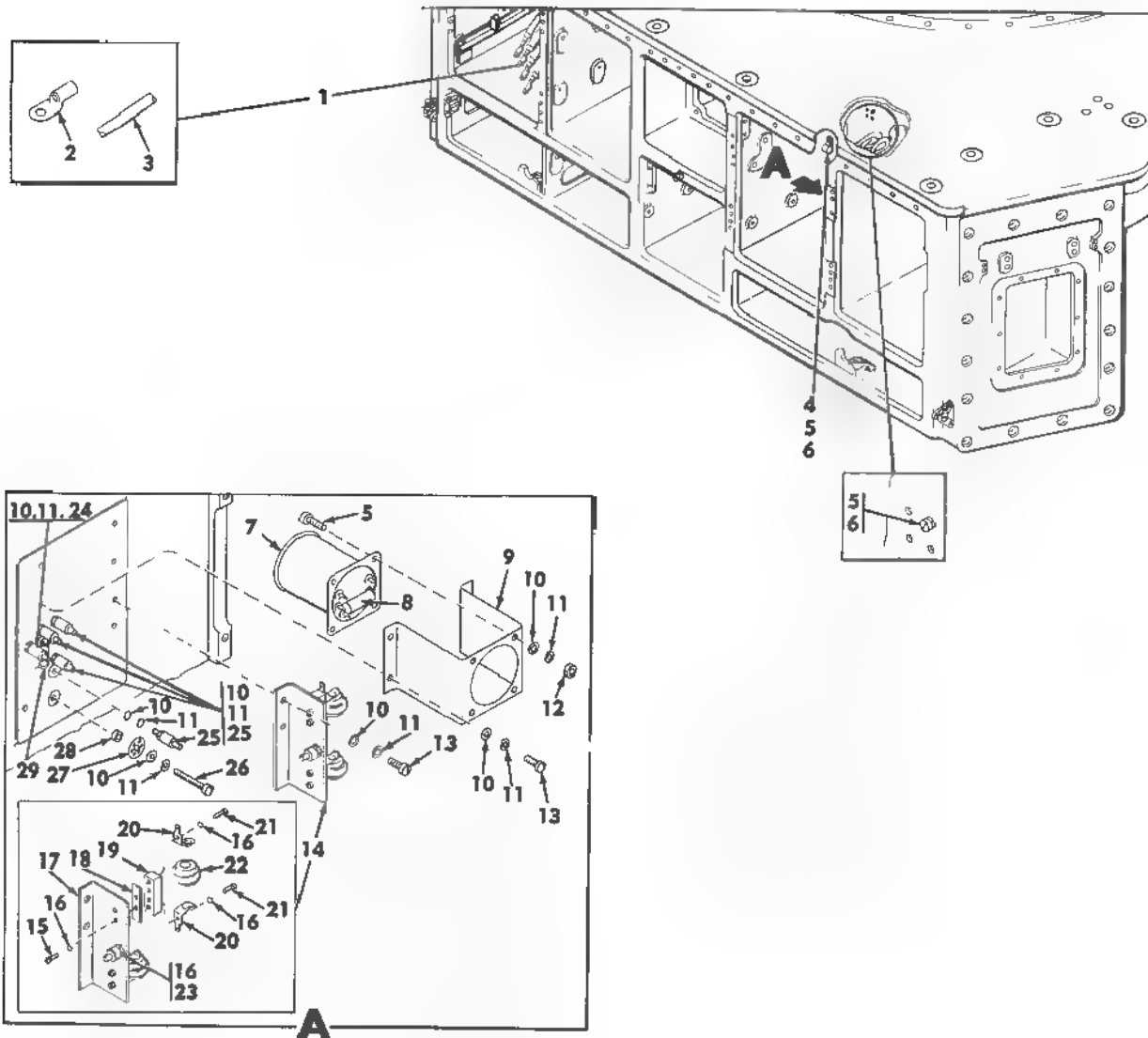
FIGURE 230. EQUIPMENT ENCLOSURE, AZIMUTH DRIVE /9136465/-POTENTIAL EXPLODED VIEW



MS 304889A

- |    |          |                  |     |    |                            |                  |     |    |           |                          |                  |    |
|----|----------|------------------|-----|----|----------------------------|------------------|-----|----|-----------|--------------------------|------------------|----|
| 1  | SLIDE    | 8000964.....     | .4  | 18 | WASHER                     | MS35338-42.....  | .28 | 31 | COVER     | 8172907-14.....          | .1               |    |
| 2  | SLIDE    | 9140157.....     | .4  | 19 | WASHER                     | MS27183-7.....   | .10 | 32 | SCREW     | 8517639.....             | .2               |    |
| 3  | SCREW    | MS35265-82.....  | .2  | 20 | FRAME                      | 8512746.....     | .1  | 33 | WASHER    | MS35338-43.....          | .2               |    |
| 4  | SCREW    | MS35206-282..... | .2  |    | SEE FIGURE 254 FOR DETAILS |                  |     | 34 | CAPACITOR | CQ72B1EF106K3.....       | .2               |    |
| 5  | WASHER   | MS35338-44.....  | .2  | 21 | SCREW                      | MS35206-245..... | .22 | 35 | ADAPTER   | 8520390.....             | .1               |    |
| 6  | STOP     | 8000960.....     | .1  | 22 | CLAMP                      | NAS1397K6N.....  | .11 |    | 36        | RESISTOR                 | RCR20G1Q2JS..... | .1 |
| 7  | STOP     | 8000961.....     | .1  | 23 | NUT                        | MS35649-282..... | .18 |    | 37        | ADAPTER                  | 8519232.....     | .1 |
| 8  | SCREW    | MS35206-262..... | .2  | 24 | CLAMP                      | NAS1397P1ON..... | .4  | 38 | SCREW     | MS35206-243.....         | .2               |    |
| 9  | SLIDE    | 9140158.....     | .1  | 25 | CLAMP                      | NAS1397R7.....   | .3  | 39 | WASHER    | MS35338-41.....          | .2               |    |
| 10 | SLIDE    | 8000680.....     | .1  | 26 | FRAME                      | 8512745.....     | .1  | 40 | SCREW     | MS35206-228.....         | .2               |    |
| 11 | BLOCK    | 7599139.....     | .1  |    | SEE FIGURE 254 FOR DETAILS |                  |     | 41 | WASHER    | MS27183-6.....           | .2               |    |
| 12 | WASHER   | MS35338-41.....  | .2  | 27 | CLAMP                      | 8176895.....     | .4  | 42 | BRACKET   | 8520391.....             | .1               |    |
| 13 | SCREW    | MS35265-30.....  | .2  | 28 | FRAME                      | 8512744.....     | .1  |    |           |                          |                  |    |
| 14 | SCREW    | MS35206-230..... | .2  |    | SEE FIGURE 254 FOR DETAILS |                  |     |    |           |                          |                  |    |
| 15 | SCREW    | 8515944.....     | .24 | 29 | FRAME                      | 8172930.....     | .1  |    |           | * COMPONENT OF ITEM 1    |                  |    |
| 16 | WASHER   | MS27183-10.....  | .24 |    | SEE FIGURE 254 FOR DETAILS |                  |     |    |           | ** COMPONENT OF ITEM 2   |                  |    |
| 17 | TERMINAL | 8023407.....     | .4  | 30 | COVER                      | R172907.....     | .2  |    |           | *** COMPONENT OF ITEM 35 |                  |    |

FIGURE 231. EQUIPMENT ENCLOSURE, AZIMUTH DRIVE /9136465/-PARTIAL EXPLODED VIEW

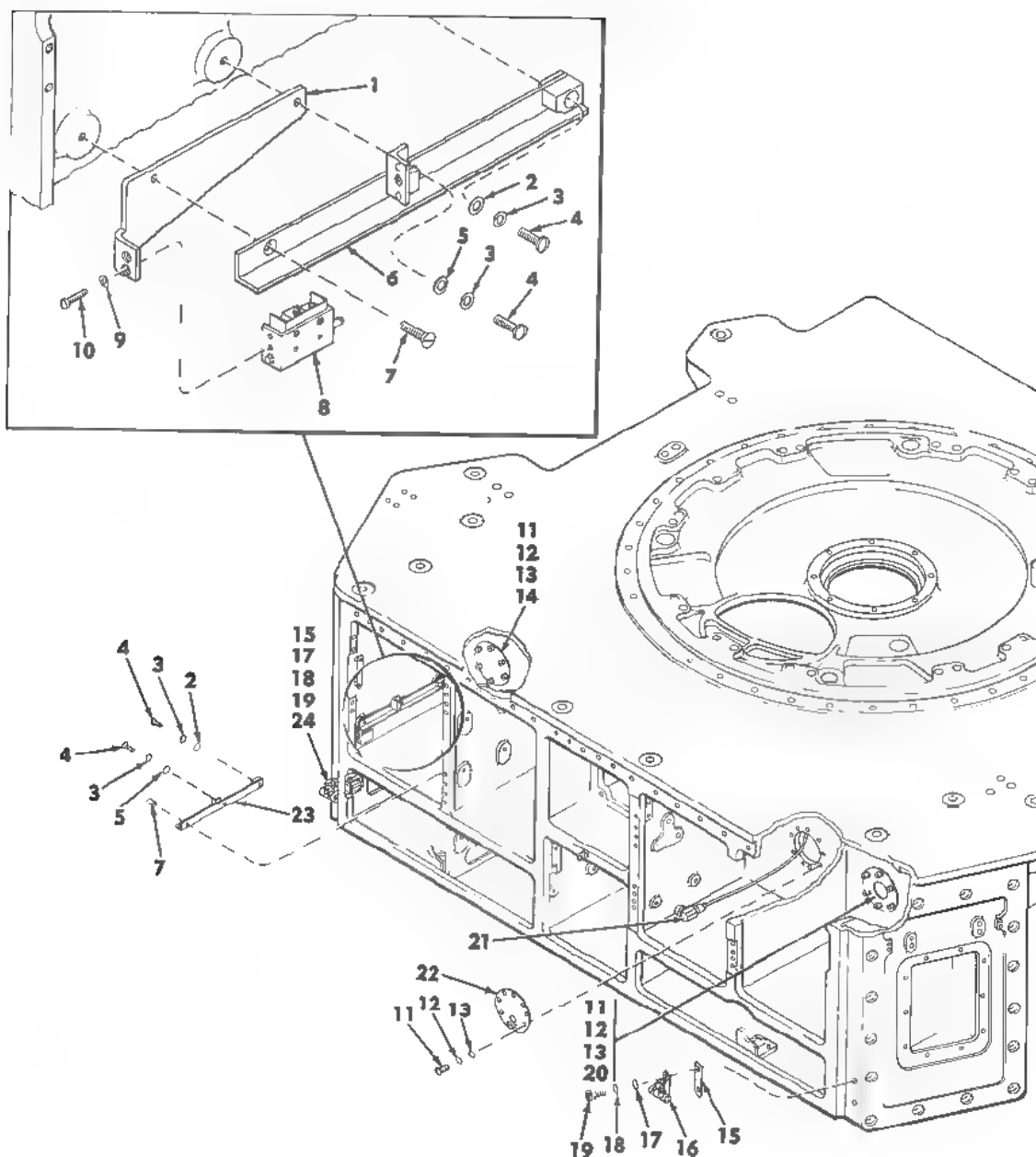


MS 334090A

1	CABLE ASSEMBLY 10666105.....4	11	WASHER MS35338-42.....15	20	SUPPORT 9136229.....4
2	TERMINAL 7619751.....1	12	NUT MS35649-202.....4	21	SCREW 9010107.....4
3	WIRE 10658241.....1	13	SCREW MS35206-245.....6	22	SPARK GAP 9138605.....2
4	CLAMP 7622598.....1	14	SPARK GAP ASSEMBLY 9138420.....1	23	TERMINAL 7598949.....1
5	SCREW MS35206-263.....9	15	SCREW MS35206-212.....4	24	TERMINAL 7620601.....1
6	WASHER MS35338-43.....5	16	WASHER MS35338-40.....9	25	TERMINAL 8023407.....4
7	RELAY 8515943.....1	17	BRACKET 9138419.....1	26	SCREW MS35206-251.....1
8	RESISTOR 8516156.....1	18	INSULATOR 9154588.....2	27	TERMINAL 8175658.....1
9	BRACKET 8171686.....1	19	BLOCK 9136228.....2	28	BEARING 8177128.....1
10	WASHER MS27183-7.....15			29	RESISTOR 8515860.....1

FIGURE 232. EQUIPMENT ENCLOSURE, AZIMUTH DRIVE /9136465/-PARTIAL EXPLODED VIEW

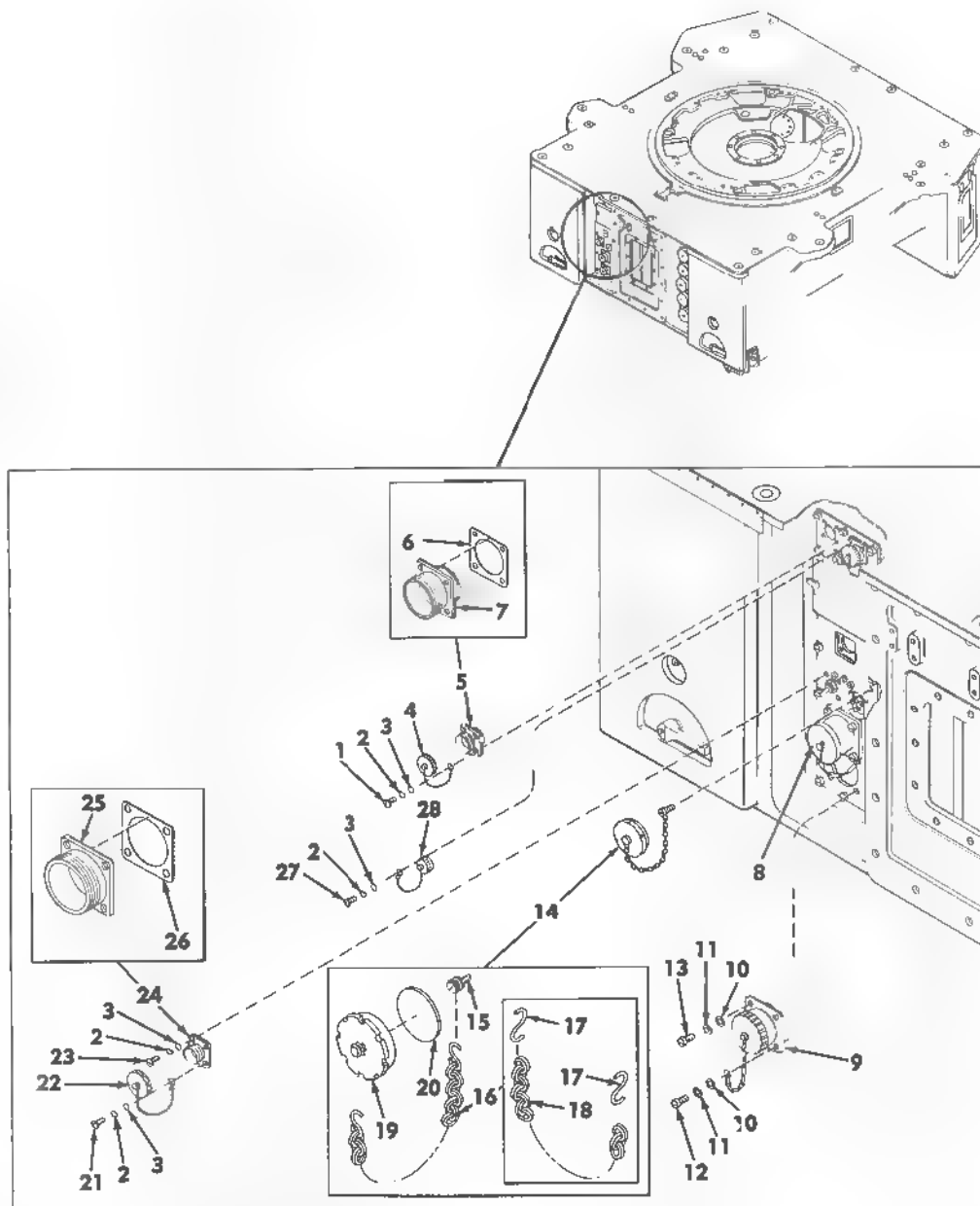




MS 334091A

1 BRACKET 8520739.....1	10 SCREW MS35206-225.....2	18 WASHER MS35338-47.....4
2 WASHER AN960C-416.....2	11 SCREW MS35206-264.....21	19 SCREW MS16997-122.....4
3 WASHER MS35338-44.....4	12 WASHER MS35338-43.....21	20 COVER 8518686.....1
4 SCREW MS35206-283.....4	13 WASHER MS27183-8.....21	21 CABLE ASSEMBLY 10658255.....1
5 WASHER MS27183-10.....2	14 COVER 8518685.....1	22 SEAL 9154839.....1
6 SUPPORT 8520736.....1	15 SPACER 9003109.....2	23 SUPPORT 8520738.....1
7 SCREW MS35190-291.....2	16 RETAINER 9003104.....1	24 RETAINER 9003106.....1
8 SWITCH 800918J.....1	SEE FIGURE 255 FOR DETAILS	SEE FIGURE 255 FOR DETAILS
9 WASHER MS35338-41.....2	17 WASHER MS27183-16.....4	

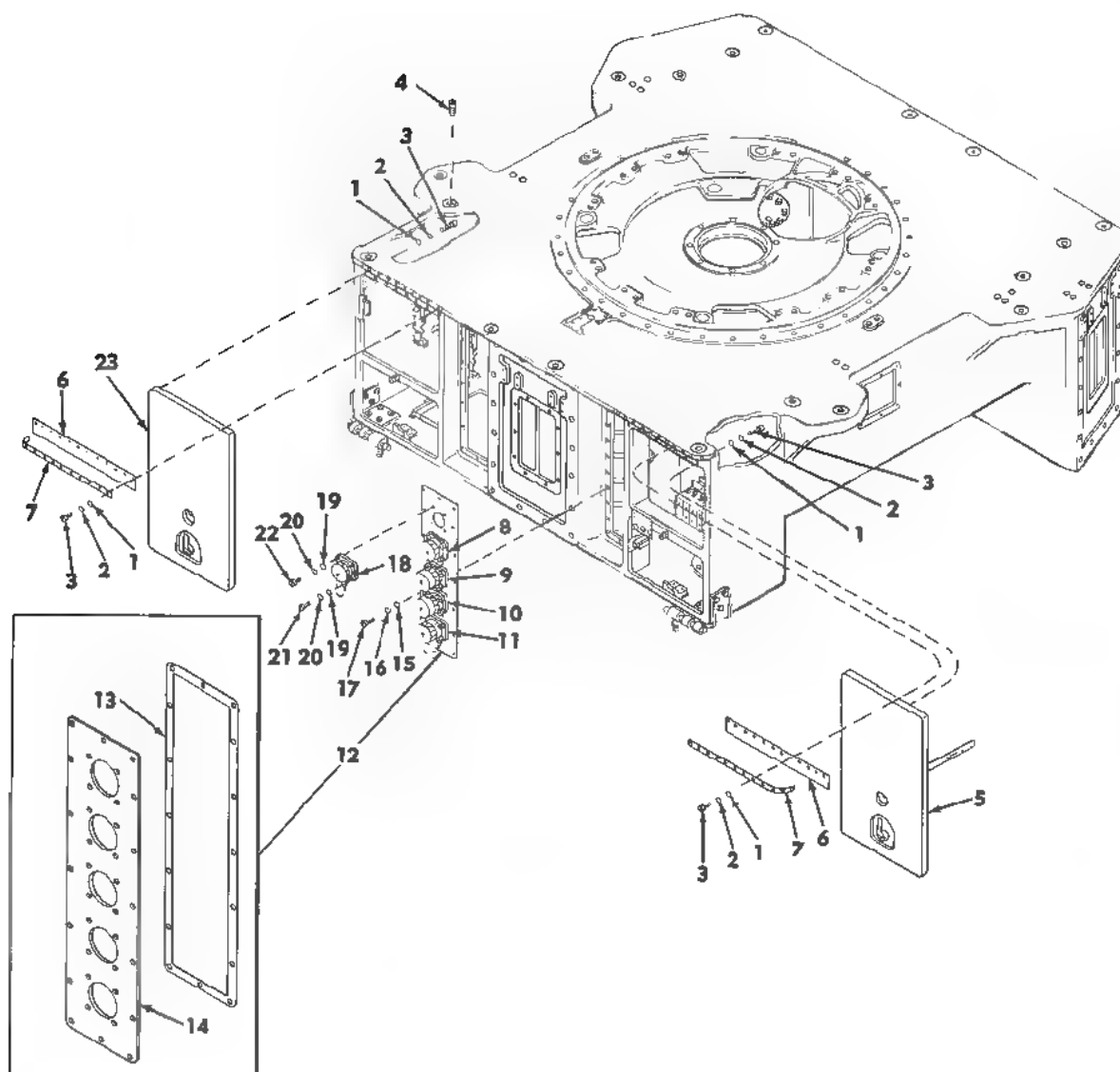
FIGURE 233. EQUIPMENT ENCLOSURE, AZIMUTH DRIVE (9136465)-PARTIAL EXPLODED VIEW



ORD G304892

1	SCREW MS35206-217.....4	10	WASHER MS27183-10.....8	19	COVER 7605818.....1
2	WASHER MS35338-40.....13	11	WASHER MS35338-44.....8	20	GASKET 7599045.....1
3	WASHER MS27183-4.....13	12	SCREW MS35206-283.....2	21	SCREW MS35206-231.....2
4	COVER 8021141.....1	13	SCREW MS35206-282.....6	22	COVER MS25043-320.....2
5	CONNECTOR 8021139.....1	14	COVER 7605815.....1	23	SCREW MS35206-230.....6
6	GASKET 8021142.....1	15	STUD 7599165.....1	24	SHELL ASSEMBLY 8000906.....2
7	CONNECTOR 8021140.....1	16	CHAIN 7618438.....1	25	SHELL 8000904.....1
8	CONNECTOR 8016481.....1	17	HOOK 7618947.....2	26	GASKET 8000905.....1
9	CONNECTOR 7632526.....1	18	CHAIN 7619728.....1	27	SCREW MS35206-228.....1
	SEE FIGURE 256 FOR DETAILS			28	COVER CW339U.....1
	SEE FIGURE 257 FOR DETAILS				

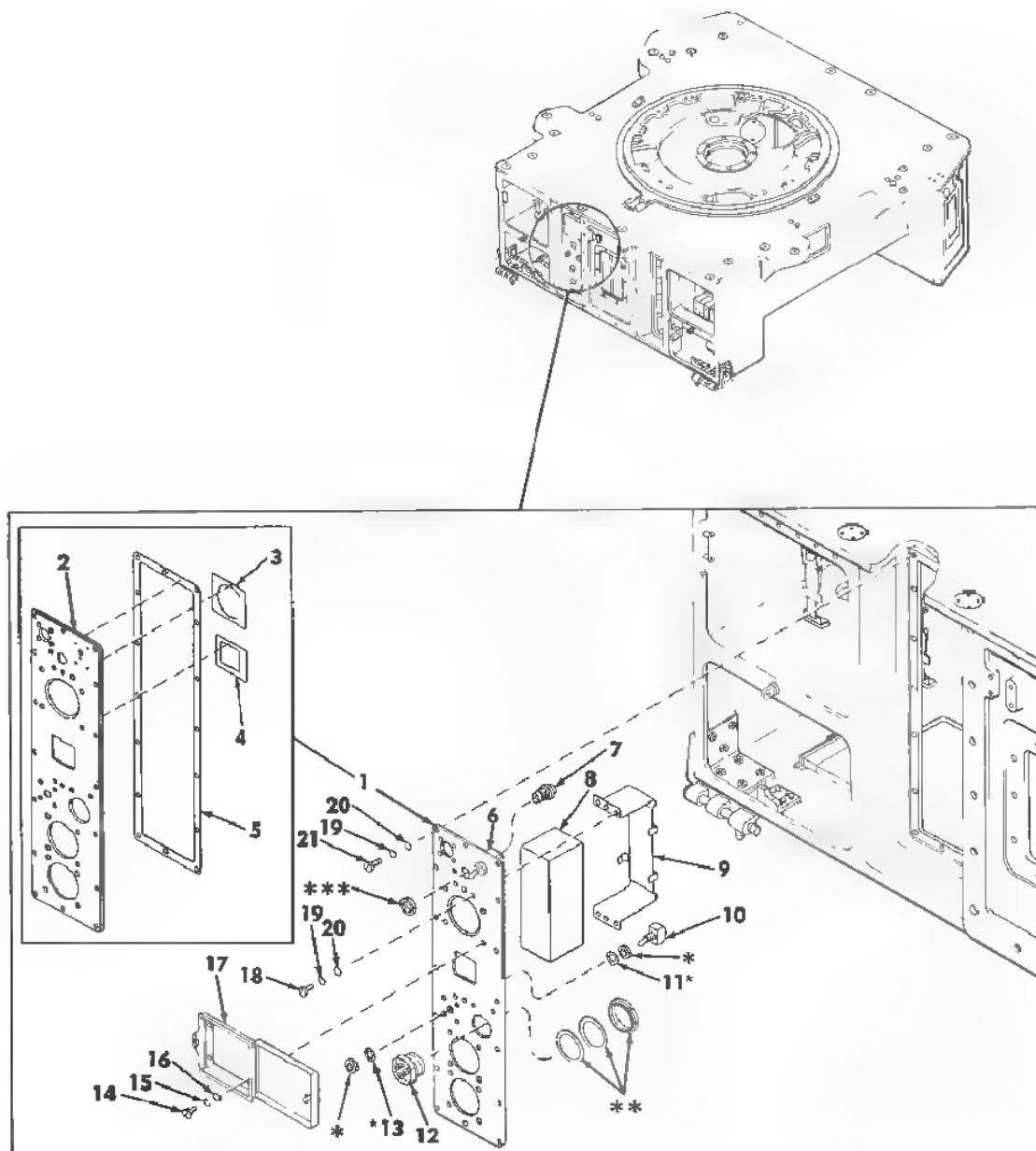
FIGURE 234. EQUIPMENT ENCLOSURE, AZIMUTH DRIVE /9136465/-PARTIAL EXPLODED VIEW



ORD G304893

1 WASHER MS27183-7.....40	9 CONNECTOR 7632065.....1	16 WASHER MS35338-42.....16
2 WASHER MS35338-43.....40	SEE FIGURE 260 FOR DETAILS	17 SCREW MS35206-264.....16
3 SCREW MS35265-60.....40	10 CONNECTOR 7632529.....1	18 CONNECTOR 8016486.....1
4 SETSCREW 138909.....4	SEE FIGURE 261 FOR DETAILS	SEE FIGURE 263 FOR DETAILS
5 DOOR 8018662.....1	11 CONNECTOR 7632064.....1	19 WASHER MS27183-10.....20
SEE FIGURE 258 FOR DETAILS	SEE FIGURE 262 FOR DETAILS	20 WASHER MS35338-44.....20
6 SHIELD 8020776.....2	12 PLATE 8000896.....1	21 SCREW MS35206-283.....5
7 STRAP 8020778.....2	13 GASKET 8000847.....1	22 SCREW MS35206-282.....15
8 CONNECTOR 7632526.....1	14 PLATE 8000948.....1	23 DOOR 8018666.....1
SEE FIGURE 257 FOR DETAILS	15 WASHER MS27183-8.....16	SEE FIGURE 264 FOR DETAILS

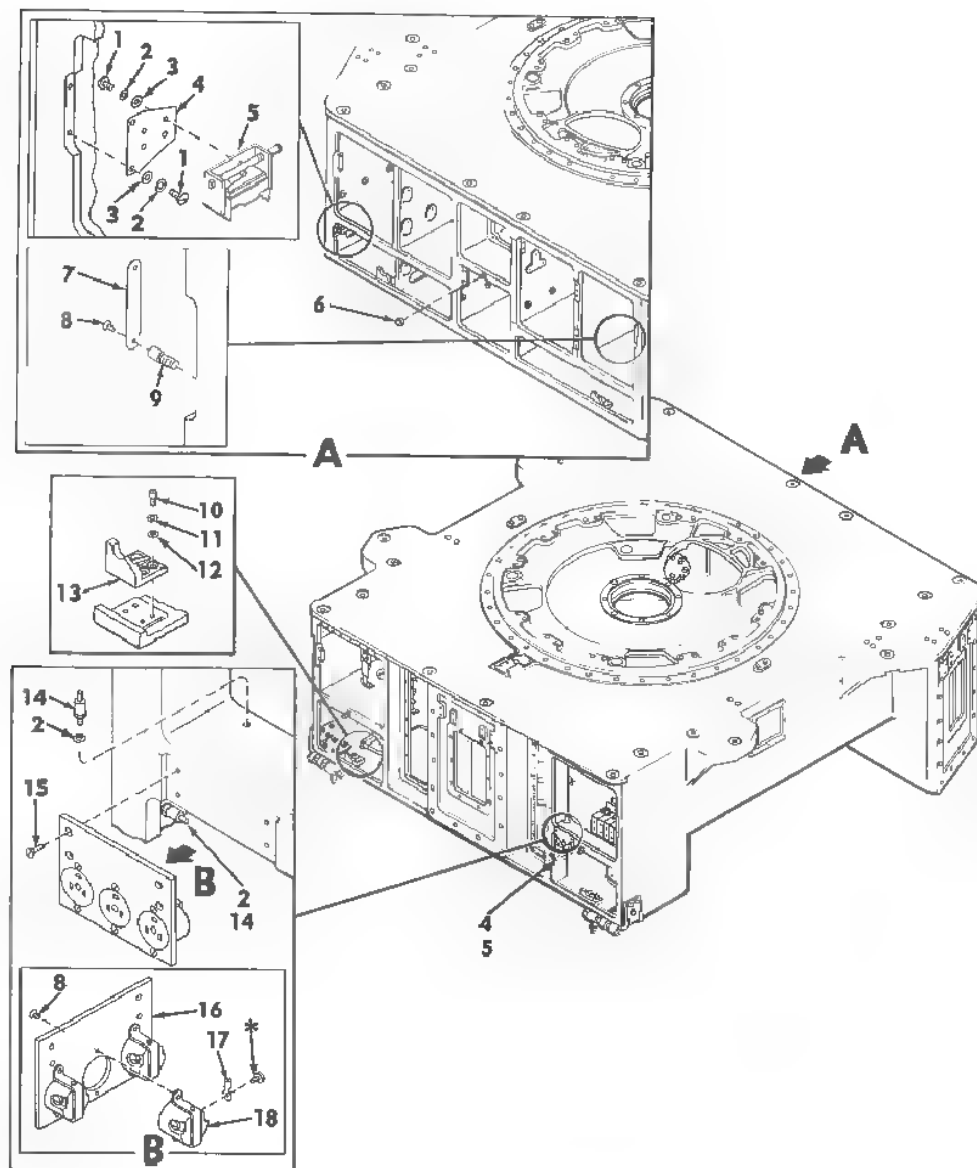
FIGURE 235. EQUIPMENT ENCLOSURE, AZIMUTH DRIVE / 9136465/-PARTIAL EXPLODED VIEW



ORD G304894

- |    |           |                  |    |                            |                   |    |        |                           |
|----|-----------|------------------|----|----------------------------|-------------------|----|--------|---------------------------|
| 1  | PANEL     | 8172909.....1    | 11 | WASHER                     | MS25081-4.....1   | 18 | SCREW  | MS35206-263.....6         |
| 2  | PANEL     | 8172908.....1    | 12 | CONNECTOR                  | 7606490.....1     | 19 | WASHER | MS27183-8.....22          |
| 3  | GASKET    | 8517040.....1    |    | SEE FIGURE 266 FOR DETAILS |                   | 20 | WASHER | MS35338-43.....22         |
| 4  | GASKET    | 8517041.....1    | 13 | WASHER                     | MS35333-121.....1 | 21 | SCREW  | MS35206-264.....16        |
| 5  | GASKET    | 8000847.....1    | 14 | SCREW                      | MS35206-244.....4 |    |        |                           |
| 6  | SWITCH    | MS25068-23.....1 | 15 | WASHER                     | MS35338-42.....4  |    |        |                           |
| 7  | CONNECTOR | U79U.....1       | 16 | WASHER                     | MS27183-7.....4   |    |        | * FURNISHED WITH ITEM 10  |
| 8  | TELEPHONE | TAB12-PT.....1   | 17 | DOOR AND FRAME ASSEMBLY    |                   |    |        | ** FURNISHED WITH ITEM 12 |
| 9  | BRACKET   | 9137708.....1    |    | 9517037.....1              |                   |    |        | *** FURNISHED WITH ITEM 7 |
| 10 | SWITCH    | MS35059-26.....1 |    | SEE FIGURE 267 FOR DETAILS |                   |    |        |                           |

FIGURE 236. EQUIPMENT ENCLOSURE, AZIMUTH DRIVE /9136465/-PARTIAL EXPLODED VIEW

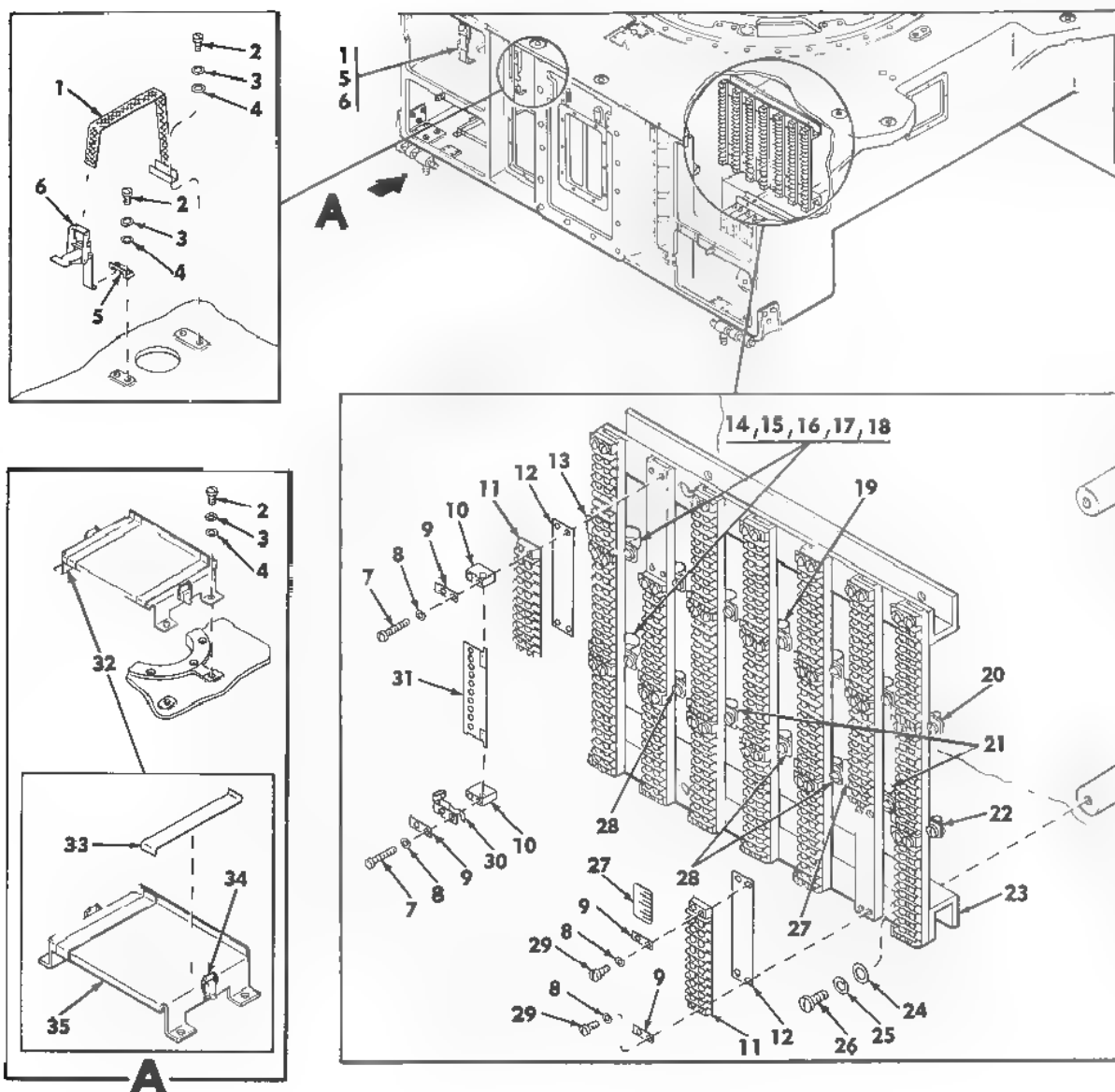


ORD G304895

1	SCREW MS35206-226.....12	8	SCREW MS35190-250.....14	15	SCREW MS35190-253.....4
2	WASHER MS35338-41.....14	9	STUD 8018672.....8	16	PLATE 9005338.....1
3	WASHER MS27183-6.....12	10	SCREW MS16997-62.....16	17	TERMINAL 8177343.....8
4	BRACKET 8000833.....2	11	WASHER MS35338-44.....16	18	CONNECTOR 9191667.....3
5	SWITCH 8009180.....2	12	WASHER MS27183-10.....16		
6	GASKET 8000957.....3	13	STRIKE 8018681.....4		
7	PLATE 8018673.....4	14	TERMINAL 7620161.....2		

\* FURNISHED WITH ITEM 18

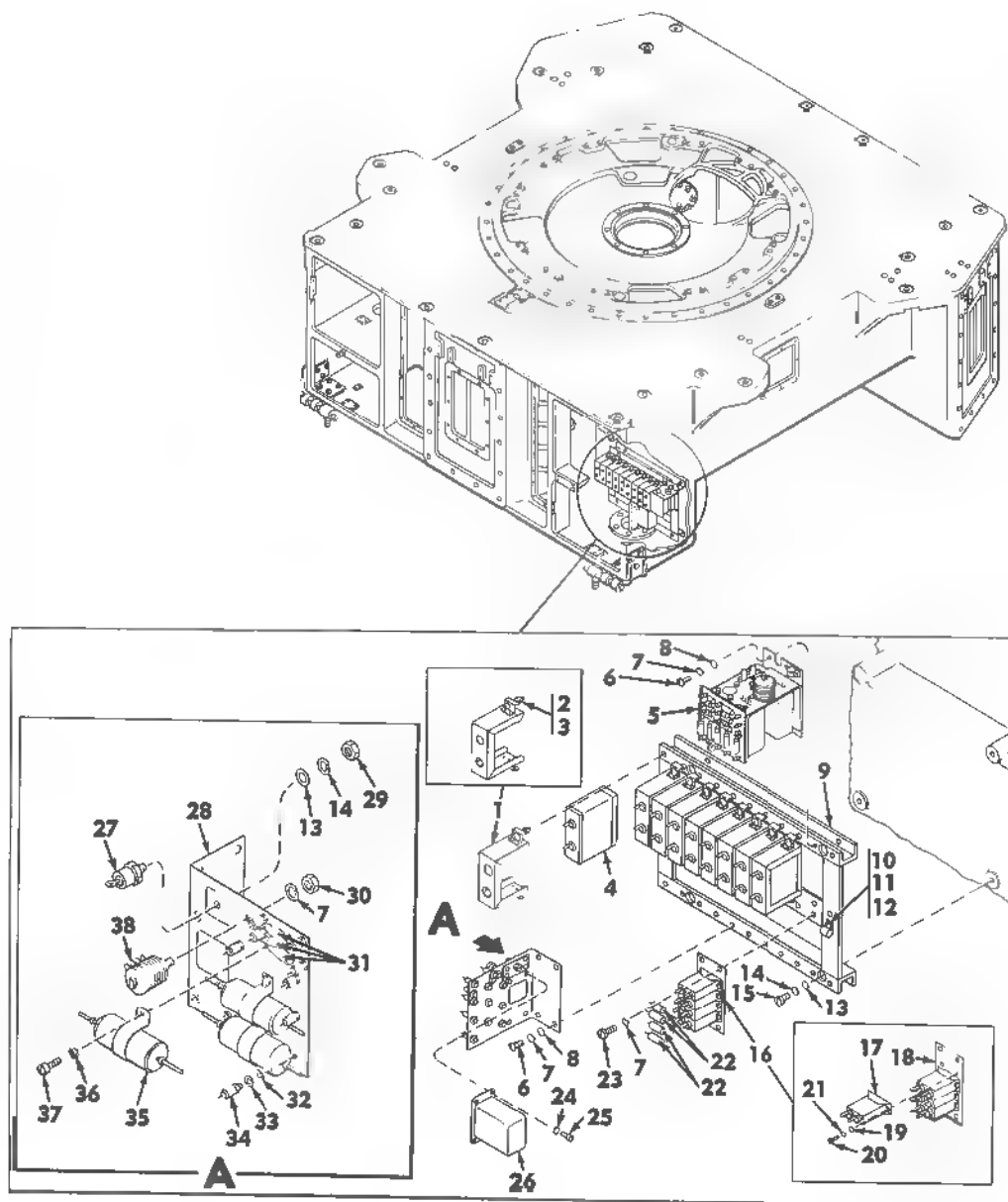
FIGURE 237. EQUIPMENT ENCLOSURE, AZIMUTH DRIVE / 9136465/-PARTIAL EXPLODED VIEW



ORD G304896

1 STRAP 7607395.....2	13 LINK 8177146.....1	25 WASHER MS35338-44.....4
2 SCREW MS35206-263.....12	14 SCREW MS 35206-245.....14	26 SCREW MS35206-280.....4
3 WASHER MS35338-43.....12	15 WASHER MS35338-42.....14	27 CONTACT 8177148.....2
4 WASHER MS27183-8.....12	16 WASHER MS27183-7.....14	28 CLAMP NAS1397P10N.....3
5 BRACKET 8000862.....2	17 NUT MS 35649-282.....14	29 SCRFW MS35206-231.....80
6 LATCH 7607389.....2	18 CLAMP NAS1397K16N.....2	30 CONTACT 8017729.....1
7 SCREW MS35206-236.....4	19 CLAMP MS25281P11.....5	31 COVER 8008104.....1
8 WASHER MS35338-41.....84	20 CLAMP NAS1397K6N.....1	32 BRACKET 8000800.....1
9 PLATE 7622474.....42	21 CLAMP NAS1397K12N.....2	33 FELT STRIP 8000805.....2
10 INSULATOR 8017728.....2	22 CLAMP NAS1397R7.....1	34 CATCH 8000813.....2
11 TERMINAL BOARD 38TB10.....21	23 FRAME 8000682.....1	35 BRACKET 8000799.....1
12 INSULATOR 8012432.....21	24 WASHER MS27183-10.....4	

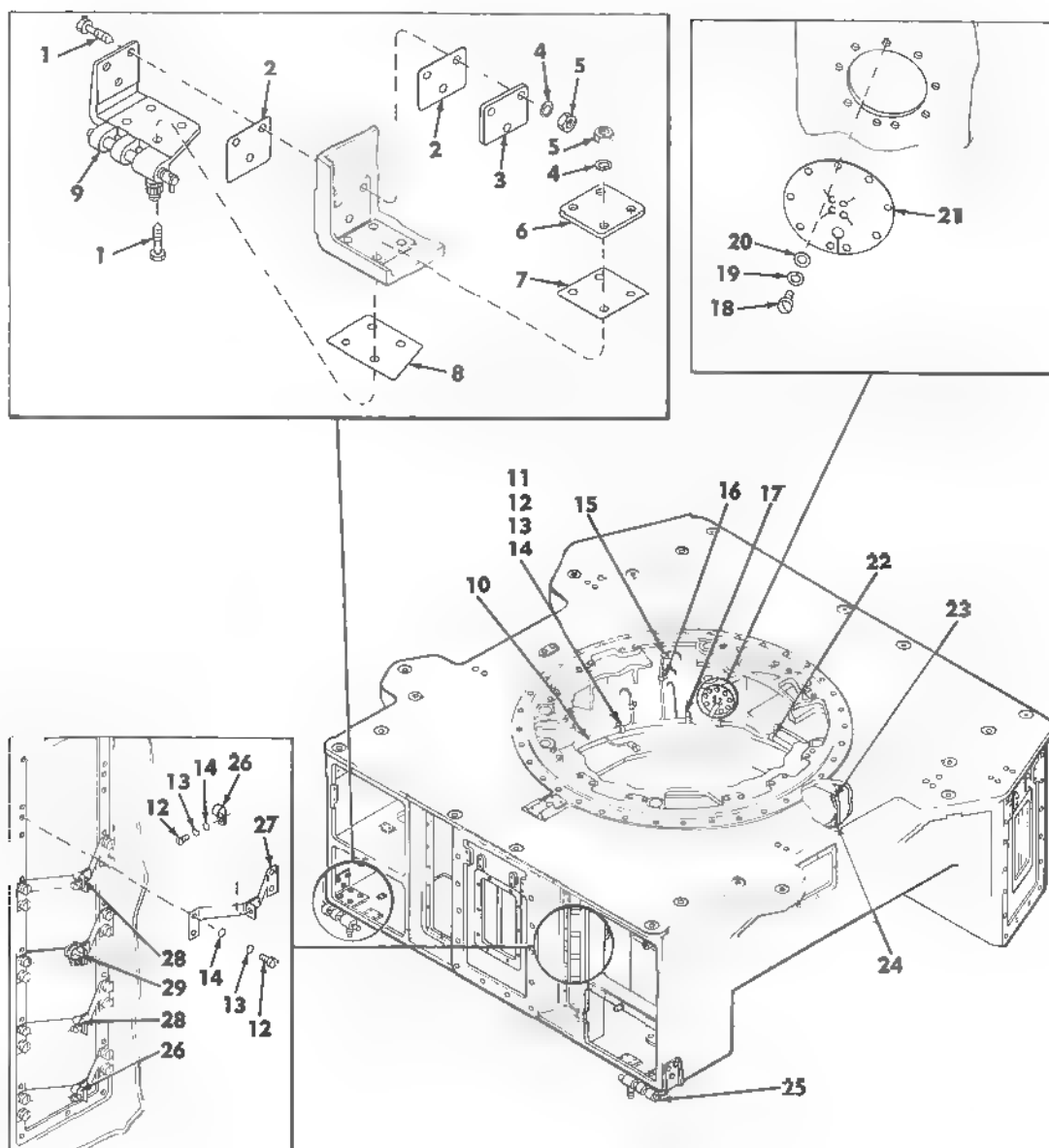
FIGURE 23B. EQUIPMENT ENCLOSURE, AZIMUTH DRIVE /9136465/-PARTIAL EXPLODED VIEW



ORD G304897

1	RETAINER 7607695.....9	14	WASHER MS35338-44.....5	26	RELAY 7602772.....1
2	SCREW 7601338.....2	15	SCREW MS35206-280.....4	27	SEMICONDUCTOR DEVICE
3	WASHER MS35338-43.....2	16	CAPACITOR ASSEMBLY		JAN1N2508.....1
4	CAPACITOR 7601448.....9		9160434.....1	28	CHASSIS 8520346.....1
5	LIMITER 9007893.....1	17	CAPACITOR	29	NUT MS51968-2.....1
	SEE FIGURE 268 FOR DETAILS		CP91B 1FE105K1.....4	30	NUT 8024442.....1
6	SCREW MS35206-261.....8	18	BRACKET 9160393.....1	31	RESISTOR 8019463.....3
7	WASHER MS35338-43.....13	19	WASHER MS27183-6.....8	32	WASHER MS27183-4.....8
8	WASHER MS27183-8.....8	20	SCREW MS35206-228.....8	33	WASHER MS35338-40.....8
9	FRAME 8000683.....1	21	WASHER MS35338-41.....8	34	TERMINAL 7599087.....8
10	SCREW MS35206-245.....1	22	RESISTOR RCR20G 273JS.....4	35	CAPACITOR 8519379.....3
11	WASHER MS27183-7.....1	23	SCREW MS35206-264.....4	36	WASHER MS35338-41.....3
12	CLAMP MS219190G4.....1	24	WASHER MS35338-42.....4	37	SCREW MS35206-228.....3
13	WASHER MS27183-10.....5	25	SCREW MS35206-244.....4	38	RESISTOR 7599075.....1

FIGURE 239. EQUIPMENT ENCLOSURE, AZIMUTH DRIVE /9136465/-PARTIAL EXPLODED VIEW

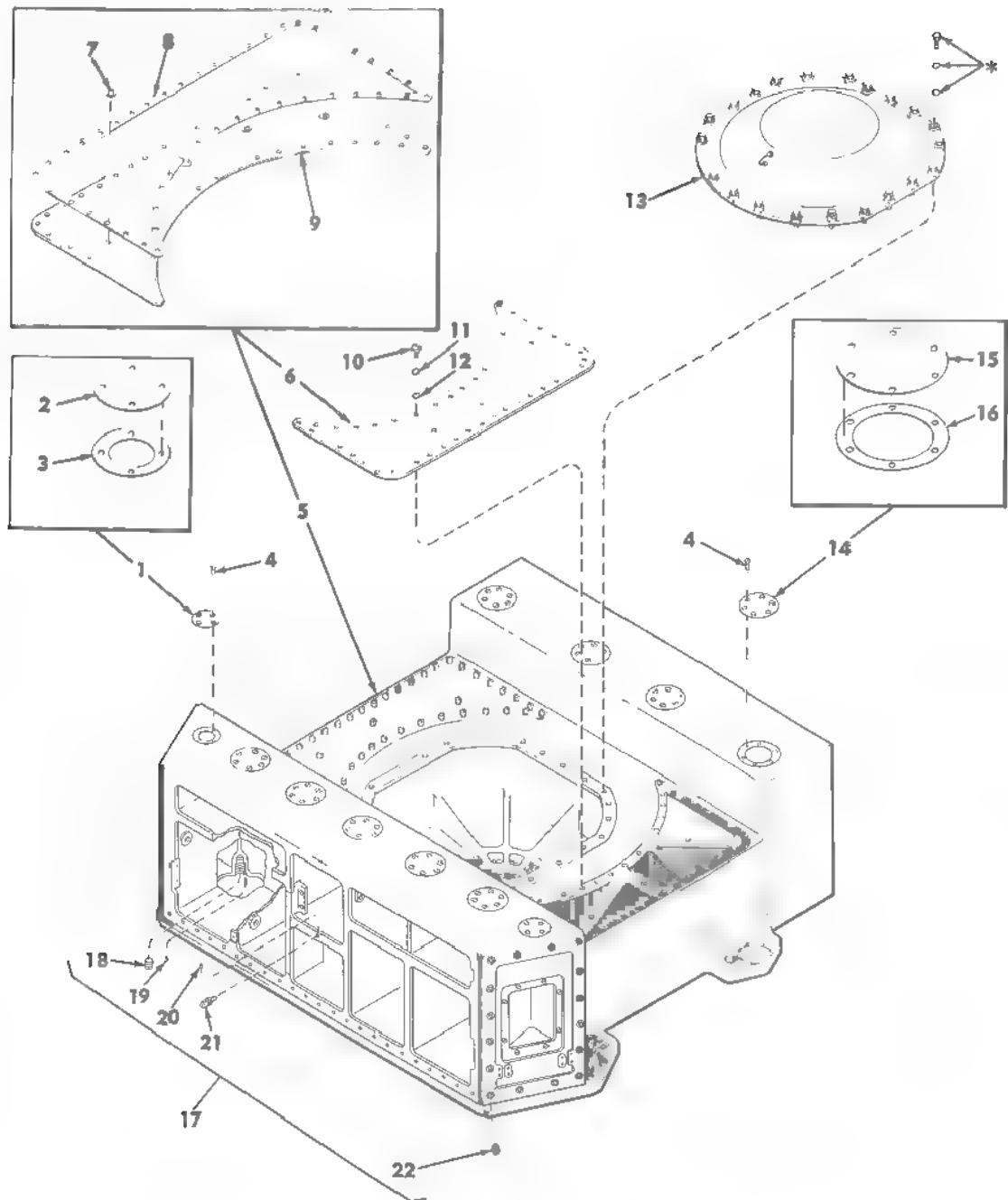


ORD G304898

1	SCREW	MS90728-67.....14	11	CLAMP	MS25281R4.....15	20	WASHER	MS27183-8.....9
2	PLATE	8517853.....4	12	SCREW	MS35206-245.....73	21	SEAL	9154840.....1
3	PLATE	8517854.....2	13	WASHER	MS35338-42.....73	22	CLAMP	8176893.....4
4	WASHER	MS35338-46.....14	14	WASHER	MS27183-7.....73	23	CLAMP	8168333.....6
5	NUT	MS51967-8.....14	15	CLAMP	MS25281R3.....4	24	CLAMP	MS21333-68.....2
6	PLATE	8016542.....2	16	CLAMP	NAS1397K5N.....11	25	LEAF	9003122.....1
7	PLATE	8016540.....2	17	CLAMP	7602999.....6	SEE FIGURE 269 FOR DETAILS		
8	SPACER	9003124.....2	18	SCREW	MS35206-264.....9	26	CLAMP	NAS1397P10N.....2
9	LEAF	9003119.....1	19	WASHER	MS35338-43.....9	27	BRACKET	8024702.....5
10	SEE FIGURE 269 FOR DETAILS							
10	WIRING HARNESS	8173374.....1				28	CLAMP	NAS1397K12N.....2
	SEE FIGURE 278, NUMBER 15 FOR DETAILS							
						29	CLAMP	7622598.....1

FIGURE 240. EQUIPMENT ENCLOSURE, AZIMUTH DRIVE /9136465/-PARTIAL EXPLODED VIEW

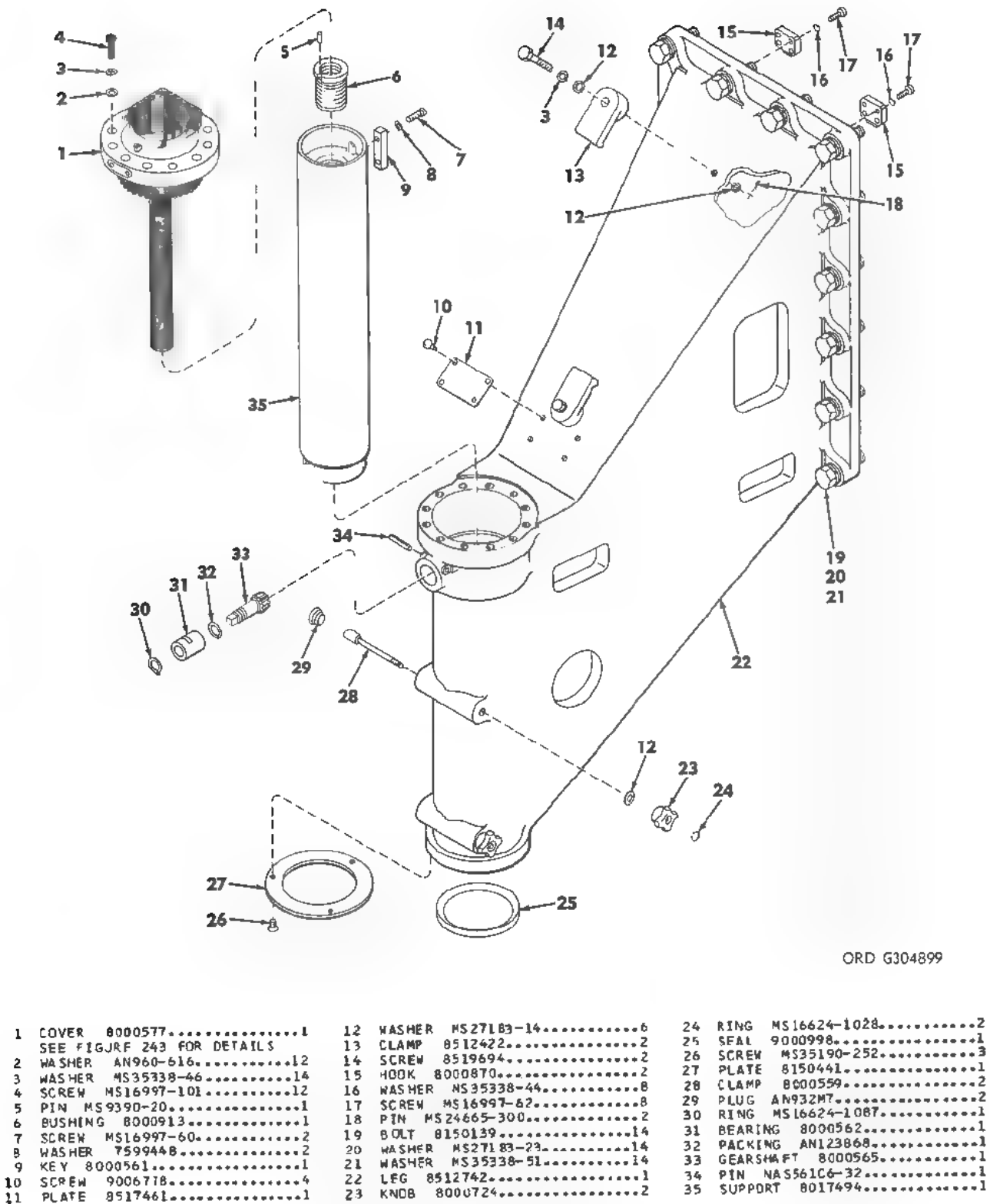




ORD G291254

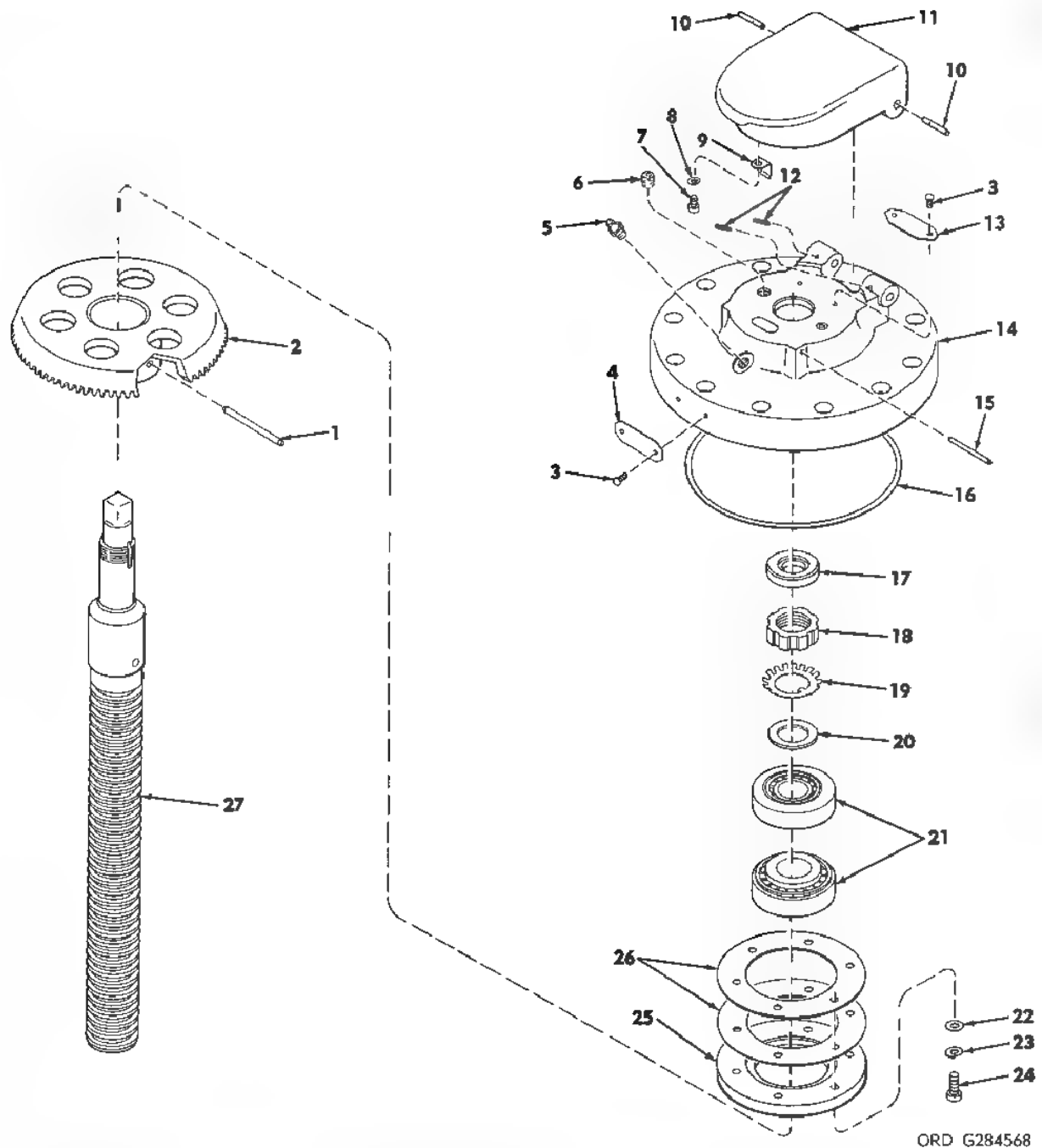
1	COVER 8171178.....2	10	SCREW MS35206-221.....100	18	INSERT 8000949.....4	
2	COVER 8171177.....1	11	WASHER MS35338-44.....100	19	PIN 502098.....4	
3	GASKET 8000791.....1	12	WASHER MS27183-10.....100	20	PIN NAS561C4-24.....3	
4	SCREW MS35190-287.....62	13	COVER 8013219.....1	21	HASP 8000956.....3	
5	PLATE 8000707.....1	SEE FIGURE 270 FOR DETAILS			22	INSERT 8515012.....48
6	PLATE 8000620.....1	14	COVER 8000736.....9	* COMPONENT OF ITEM 13		
7	GASKET 8000618.....4	15	COVER 8000734.....1			
8	GASKET 8000621.....1	16	GASKET 8000735.....1			
9	PLATE 8000545.....1	17	BASE 8515214.....1			

FIGURE 241. EQUIPMENT ENCLOSURE, AZIMUTH DRIVE /9136465/-PARTIAL EXPLODED VIEW



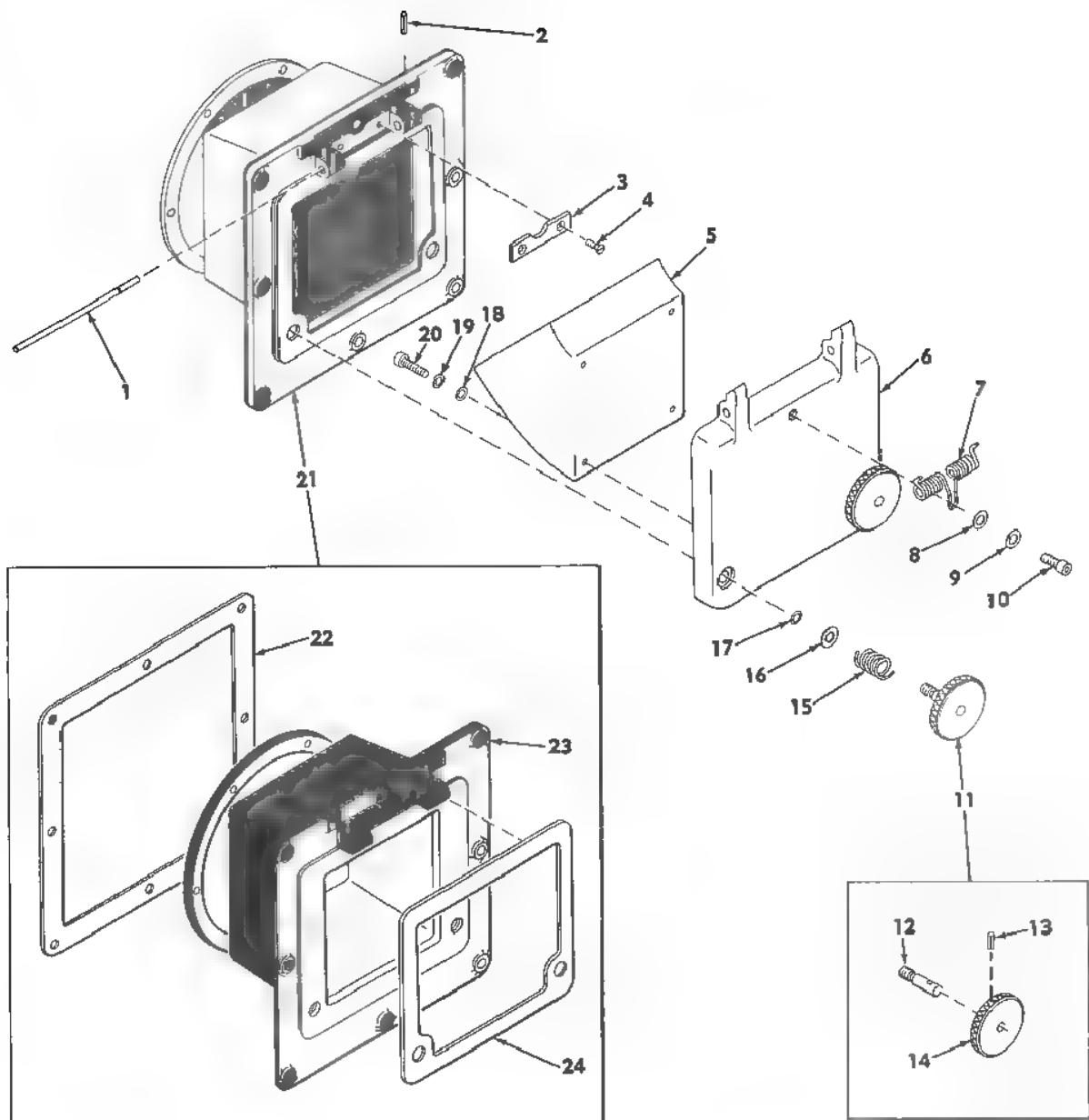
ORD G304899

FIGURE 242. LEG, JACK /8512741/-EXPLODED VIEW  
 /SEE FIGURE 222 FOR NEXT HIGHER ASSEMBLY/



1	PIN MS16562-257.....1	10	PIN 8519697.....2	19	WASHER 711206.....1
2	GEAR 8000566.....1	11	COVER 8000570.....1	20	WASHER 8000560.....1
3	SCREW 145375.....4	12	PIN MS16562-215.....2	21	BEARING MS19083-2.....2
4	PLATE 8000944.....1	13	PLATE 8000943.....1	22	WASHER AN960-416.....6
5	FITTING MS15003-1.....1	14	HOUSING 8000576.....1	23	WASHER MS35338-44.....6
6	SETSCREW 589591.....2	15	PIN 589774.....1	24	SCREW MS16957-59.....6
7	SCREW MS35265-43.....1	16	PACKING AN123919.....1	25	RETAINER 8000558.....1
8	WASHER MS35338-42.....1	17	SEAL P176224.....1	26	SHIM 8000639.....2
9	SPRING 8000821.....1	18	NUT 8518418.....1	27	SCREW 8000569.....1

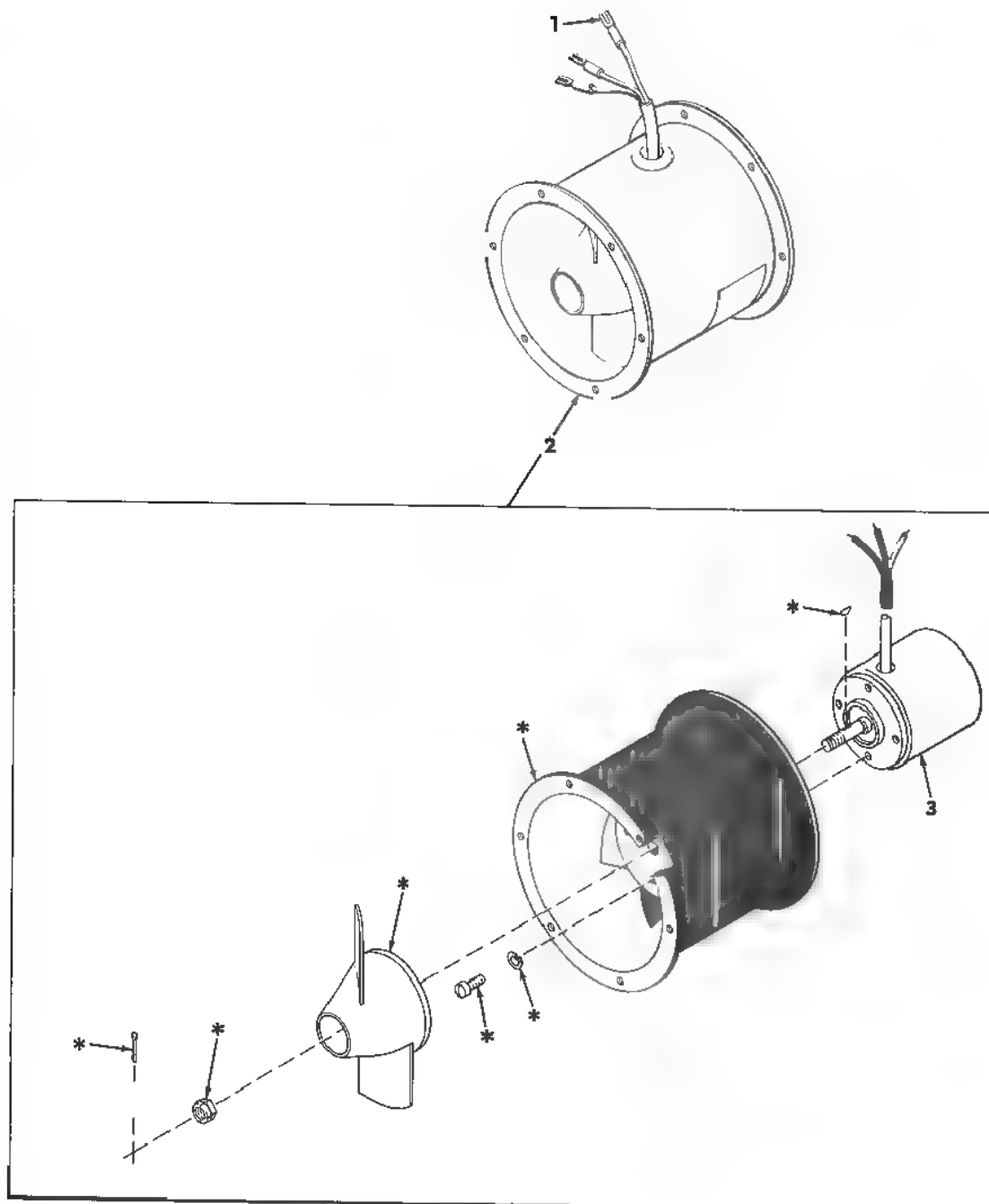
FIGURE 243. COVER /8000577/-EXPLODED VIEW  
/SEE FIGURE 242 FOR NEXT HIGHER ASSEMBLY/



ORD G304900

1	PIN 8000816.....1	10	SCREW MS16997-59.....1	19	WASHER MS35338-43.....4
2	PIN MS16562-205.....1	11	KNOB 8017197.....2	20	SCREW MS35265-63.....4
3	PLATE 9020888.....1	12	STUD 8000948.....1	21	ADAPTER SUBASSEMBLY
4	SCREW MS35190-251.....2	13	PIN MS16562-212.....1	8000858.....1	
5	SHIELD 8000795.....1	14	KNOB 8000947.....1	22	GASKET 8000815.....1
6	COVER 8000794.....1	15	SPRING 8000668.....2	23	HOUSING 8000793.....1
7	SPRING 9000817.....1	16	WASHER MS27183-12.....2	24	GASKET 8000798.....1
8	WASHER MS27183-10.....1	17	PACKING MS29561-009.....2		
9	WASHER MS35338-44.....1	18	WASHER MS27183-8.....4		

FIGURE 244. HOUSING, BLOWER /8000823/-EXPLODED VIEW  
/SEE FIGURE 223 FOR NEXT HIGHER ASSEMBLY/

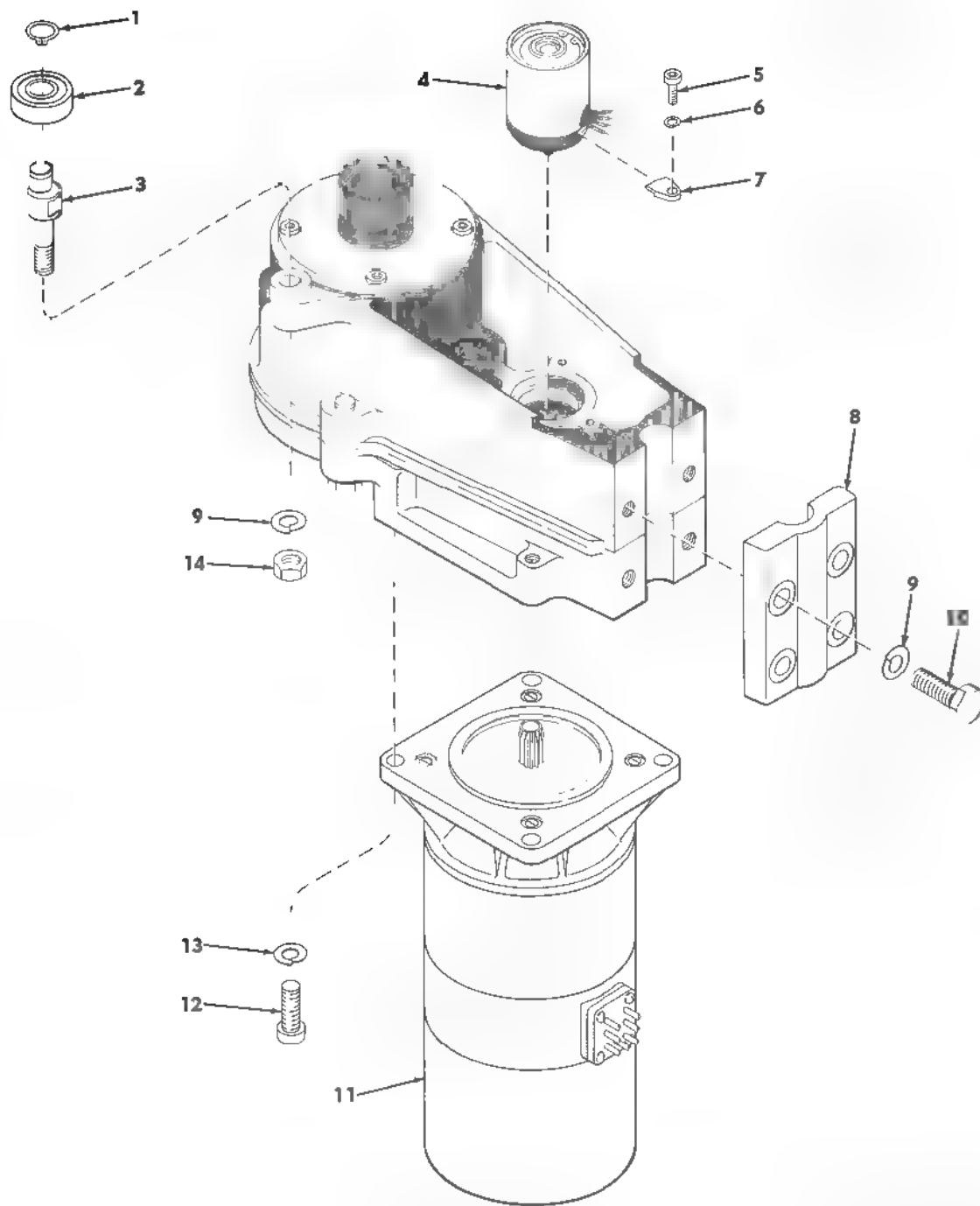


ORD G304901

- |   |          |              |   |
|---|----------|--------------|---|
| 1 | TERMINAL | 8515925..... | 3 |
| 2 | FAN      | 7608131..... | 1 |
| 3 | MOTOR    | 8606871..... | 1 |

\* COMPONENT OF ITEM 2

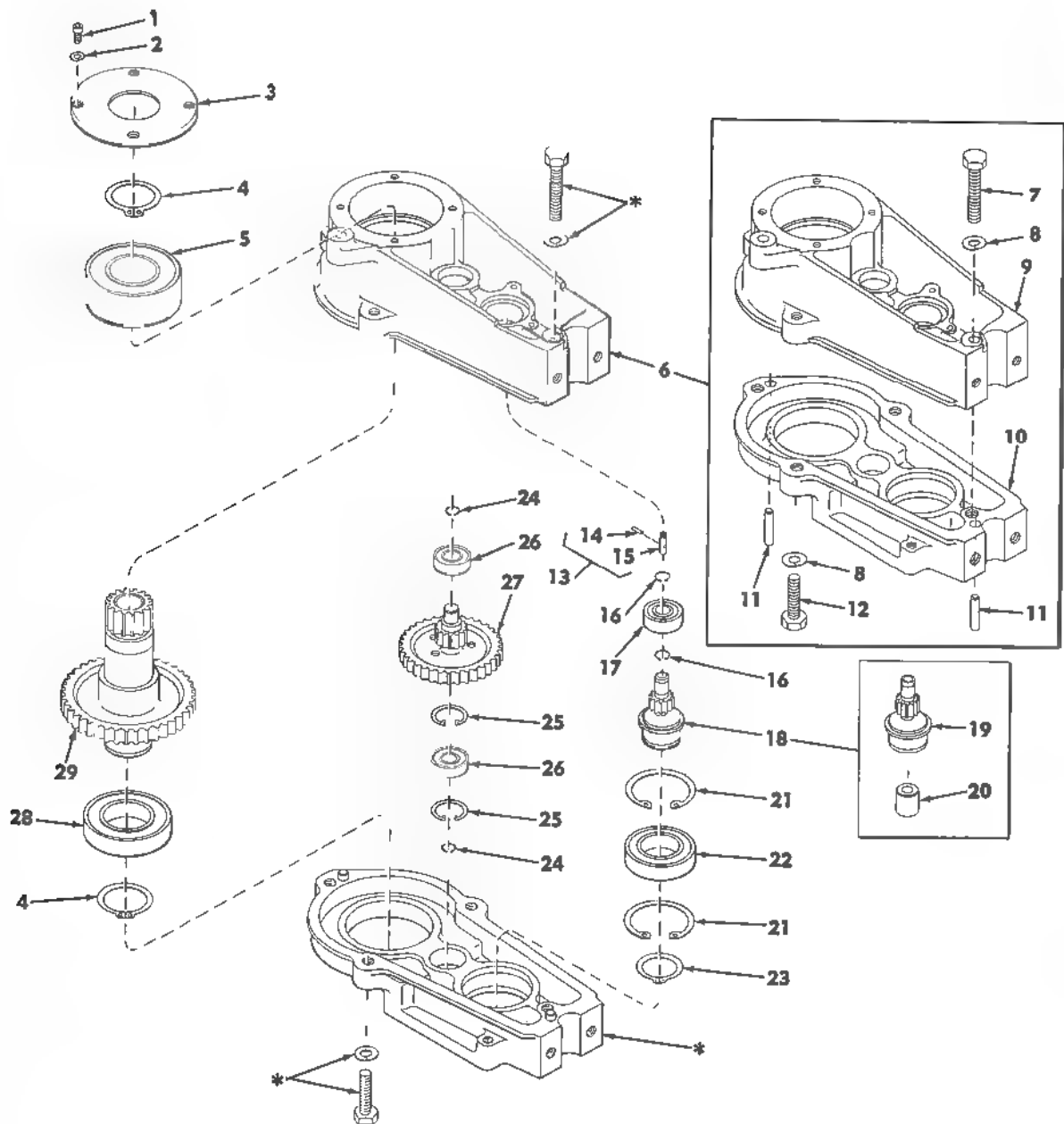
FIGURE 245. BLOWER, VANEAXIAL /8000921/-EXPLODED VIEW  
/SEE FIGURE 223 FOR NEXT HIGHER ASSEMBLY/



ORD G304902

1 RING MS16624-1046.....1	6 WASHER MS35338-42.....3	11 MOTOR 9003635.....1
2 BEARING SKA1621.....1	7 CLAMP 7606111.....1	12 SCREW MS16997-80.....4
3 STUD Ø171676.....1	8 CLAMP Ø171690.....1	13 WASHER MS35338-45.....4
4 GENERATOR B519075.....1	9 WASHER MS35338-46.....5	14 NUT MS51967-8.....1
5 SCREW MS16997-32.....3	10 SCREW MS90725-62.....4	

FIGURE 246. GEARCASE-MOTOR /B171679/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 226 FOR NEXT HIGHER ASSEMBLY/

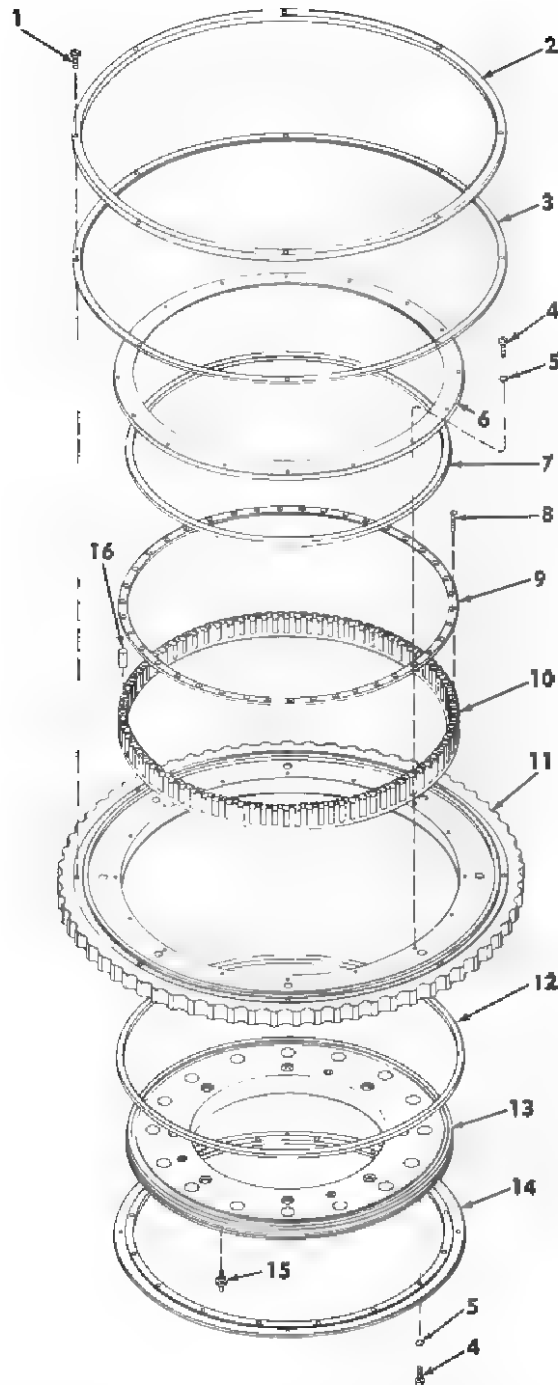


ORD G304903

1 SCREW MS16997-44.....4	12 SCREW MS90725-64.....3	23 RING MS16624-1118.....1
2 WASHER MS35338-43.....4	13 COUPLING 7606105.....1	24 RING MS16624-1046.....2
3 RETAINER 8171677.....1	14 PIN 7600319.....1	25 RING MS16625-1112.....2
4 RING MS16624-1156.....2	15 COUPLING 7606109-2.....1	26 BEARING 49237-65.....2
5 BEARING 9986841.....1	16 RING MS16624-1050.....2	27 GEAR 8171678.....1
6 GEARCASE 8171672.....1	17 BEARING 713480.....1	28 BEARING 9986839.....1
7 SCREW MS90725-68.....1	18 GEAR 8171675.....1	29 GEAR 8171673.....1
8 WASHER MS35338-46.....4	19 GEAR 8171674.....1	
9 GEARCASE 8171670.....1	20 BUSHING 7606114.....1	
10 GEARCASE 8171671.....1	21 RING 7610055.....2	
11 PIN 8024483.....2	22 BEARING 146194-7-251.....1	

\* COMPONENT OF ITEM 6

FIGURE 247. GEARCASE-MOTOR /8171679/-PARTIAL EXPLODED VIEW



MS 143113

1	SCREW	9896580.....8	7	RING	10668117-1.....1	13	RACE	10668110.....1
2	RING	10668116.....1	8	SCREW	9157792-35.....40	14	COVER	10668115.....1
3	RING	10668119.....1	9	RETAINER	10668113.....1	15	FITTING	MS15005-1.....1
4	SCREW	9157788-39.....32	10	RETAINER	10668112.....1	16	BEARING	10668118.....60
5	WASHER	M535338-136.....37	11	GEAR	10668111.....1			
6	COVER	10668114.....1	12	RING	10668117-2.....1			

FIGURE 248. GEAR-BEARING ASSEMBLY /10668120/-EXPLODED VIEW  
/SEE FIGURE 226 FOR NEXT HIGHER ASSEMBLY/



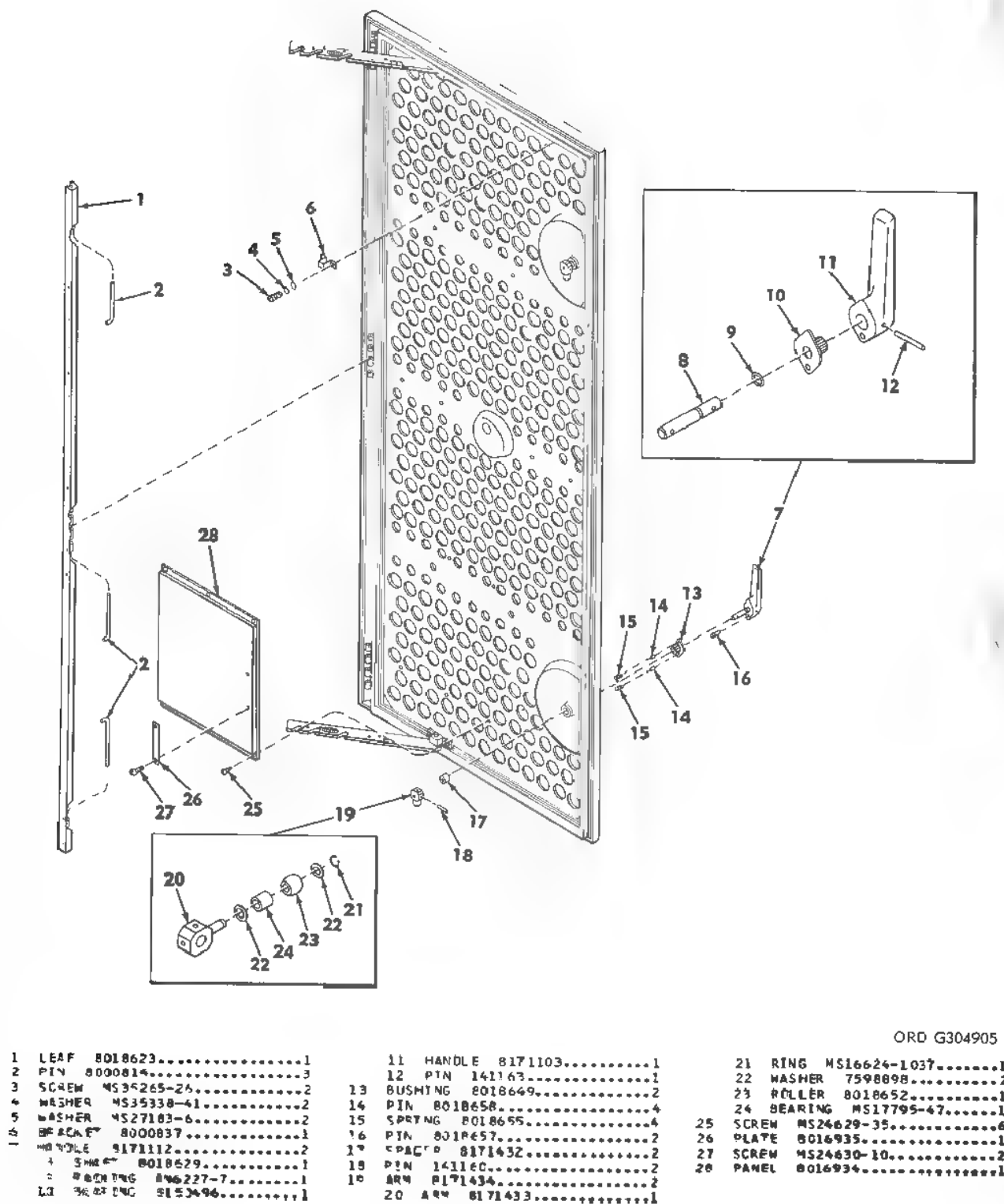
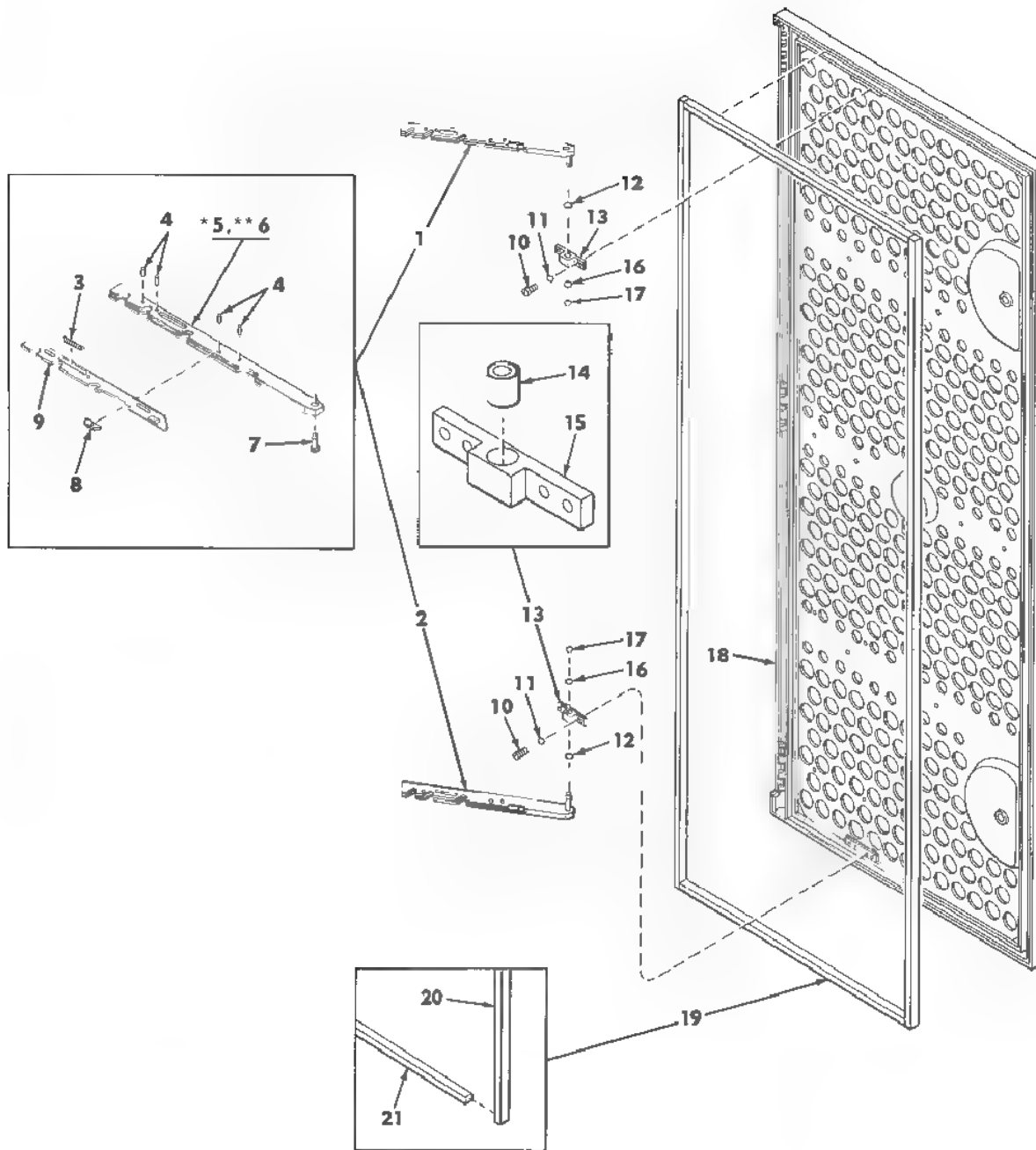


FIGURE 249. DOOR /8018622/-PARTIAL EXPLODED VIEW  
 (SEE FIGURE 226 FOR NEXT HIGHER ASSEMBLY)

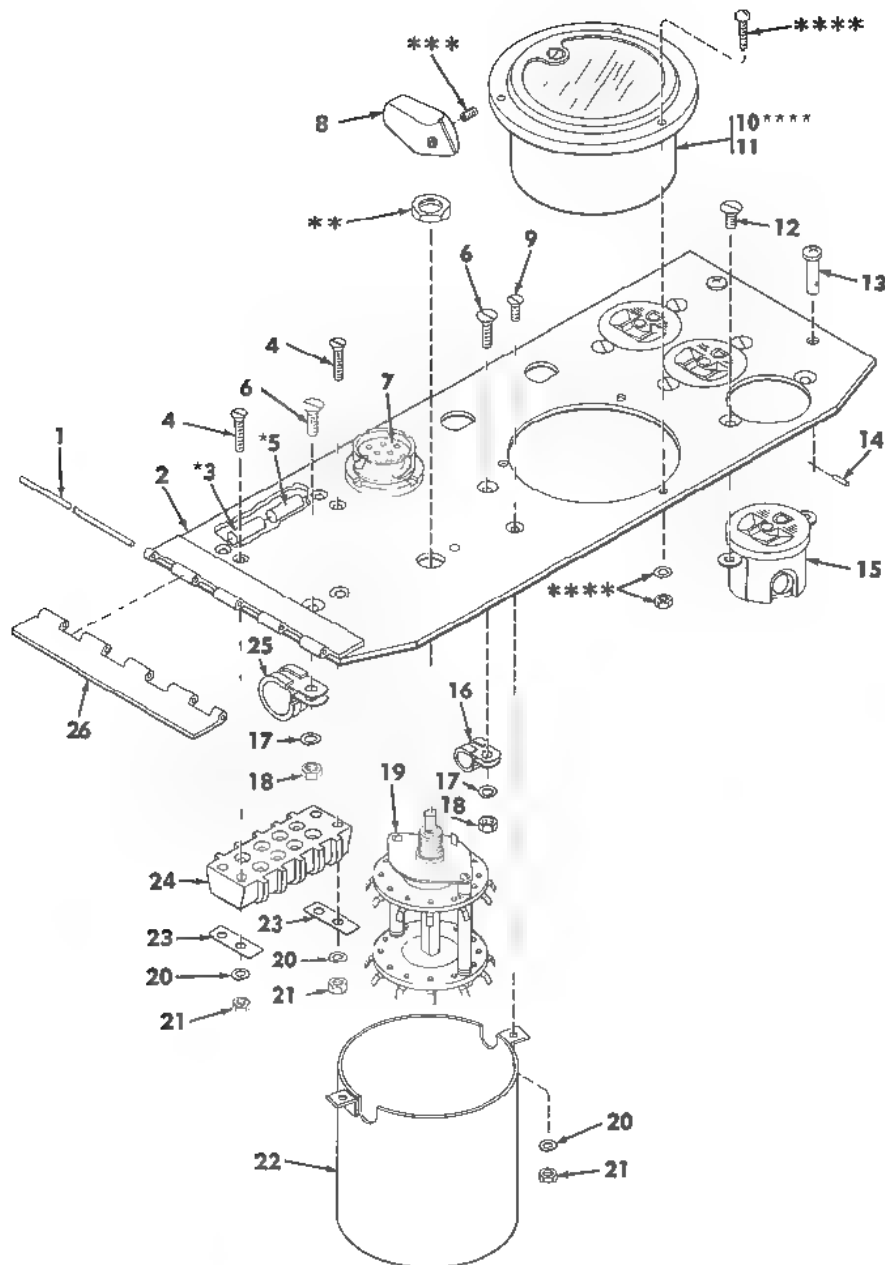


ORD G256837

1 BRACE 8150248.....1	10 SCREW M525265-64.....8	19 GASKET 8018630.....1
2 BRACE ASSEMBLY 8150249.....1	11 WASHER M535338-43.....8	20 GASKET 8018630-3.....2
3 SPRING 8018639.....1	12 WASHER 8160286.....2	21 GASKET 8018630-2.....2
4 PIN 141106.....4	13 BLOCK ASSEMBLY 8018641.....2	
5 BRACE 8018634.....1	14 BEARING 8000810.....1	
6 BRACE 8018635.....1	15 BLOCK 8018642.....1	
7 STUD 8019638.....1	16 WASHER 7600700.....2	
8 PAWL 8018640.....1	17 RING M516628-2031.....2	
9 SLIDE 8018637.....1	18 DOOR 8018624.....1	

\* FOR ITEM 1  
\*\* FOR ITEM 2

FIGURE 250. DOOR 8018622/PARTIAL EXPLODED VIEW

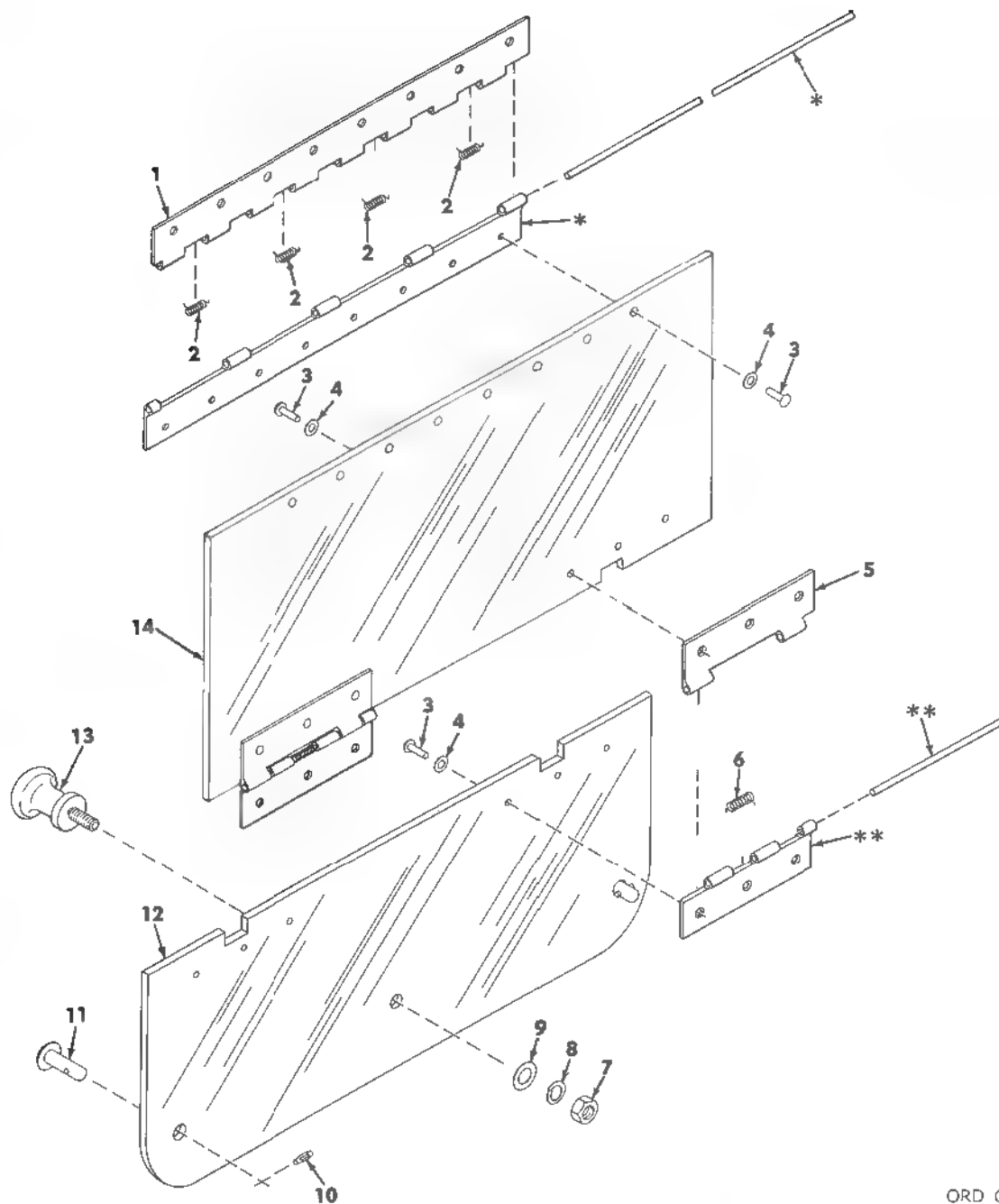


MS 304906A

1 PIN B515721.....1	12 SCREW MS35190-249.....6	23 PLATE 8019660.....2
2 PANEL 9005358.....1	13 STUD 9003714.....2	24 TERMINAL BOARD
3 RESISTOR RN65D9530F.....1	14 PIN 7598953.....2	MILT55164-2-38T84.....1
4 SCREW MS35190-240.....4	15 CONNECTOR 9191667.....3	25 CLAMP MS21919DG10.....1
5 RESISTOR RN65D1471F.....1	16 CLAMP MS21919DG4.....1	26 HINGE 8511070.....1
6 SCREW MS35190-251.....2	17 WASHER MS35338-42.....2	
7 CONNECTOR U79U.....1	18 NUT MS35649-282.....2	
8 KNOB MS90120-2G01.....1	19 SWITCH 8511166.....1	
9 SCREW MS35190-236.....2	20 WASHER MS35338-41.....6	
10 TERMINAL T612533.....2	21 NUT MS35649-262.....6	
11 METER 8174006.....1	22 COVER ASSEMBLY 8511268.....1	

\* FOR PANEL-9005359  
 \*\* FURNISHED WITH ITEM 19  
 \*\*\* FURNISHED WITH ITEM 8  
 \*\*\*\* FURNISHED WITH ITEM 11

FIGURE 251. PANEL, TEST, ELECTRICAL /9005359 AND 9143888/-EXPLODED VIEW  
 /SEE FIGURE 229 FOR NEXT HIGHER ASSEMBLY/

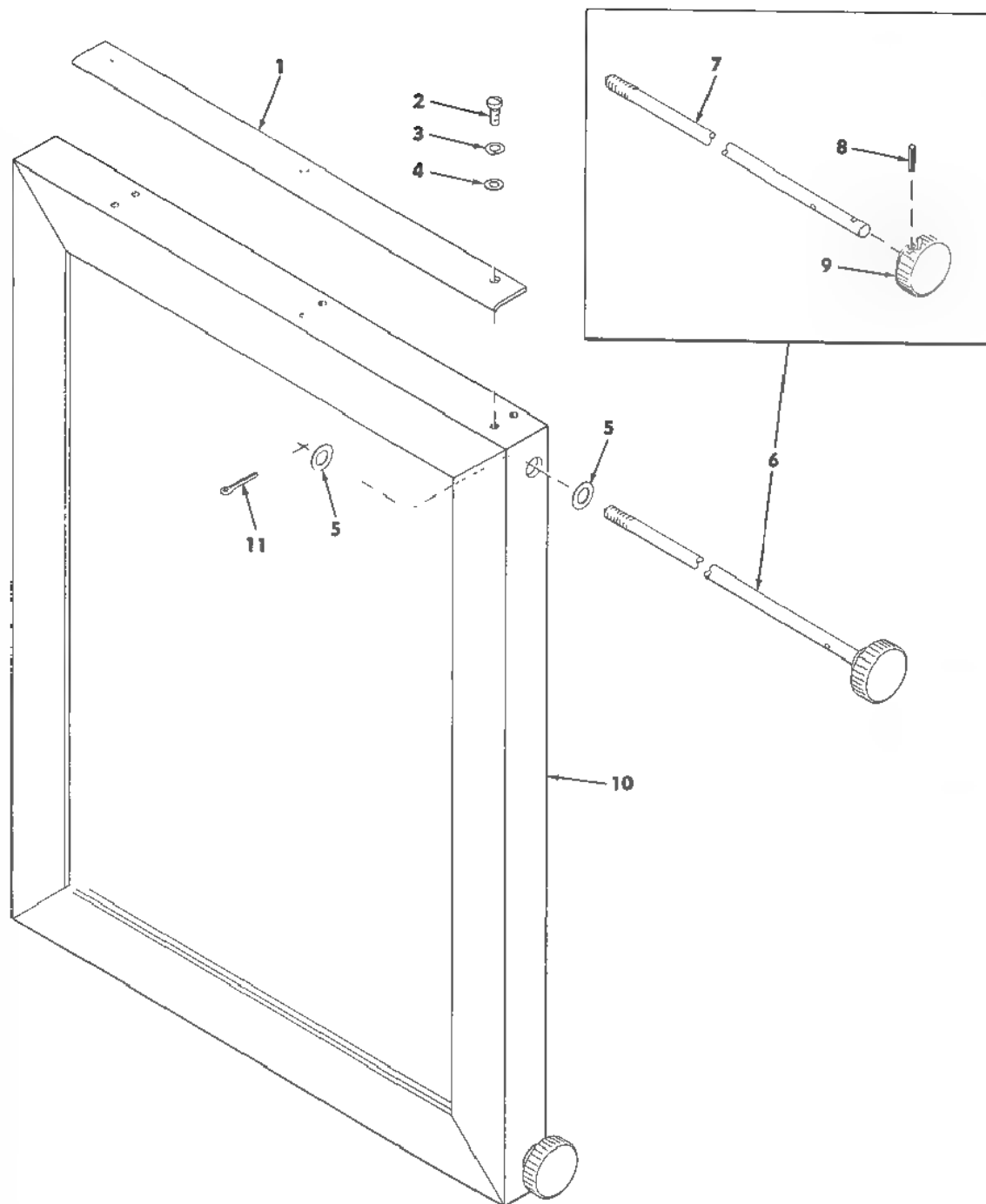


ORD G288885

1	HINGE	8518690.....1	7	NUT	MS51967-2.....1	13	DOORKNOB	8518693.....1
2	SPRING	8518701.....4	8	WASHER	MS35338-44.....1	14	PLATE	8518689.....1
3	RIVET	585553.....20	9	WASHER	MS27183-10.....1			
4	WASHER	MS27183-6.....20	10	PIN	7598936.....2			
5	HINGE	8518691.....2	11	STUD	9011444.....2			
6	SPRING	8518702.....2	12	PLATE	8518688.....1			

\* COMPONENT OF ITEM 1  
\*\* COMPONENT OF ITEM 5

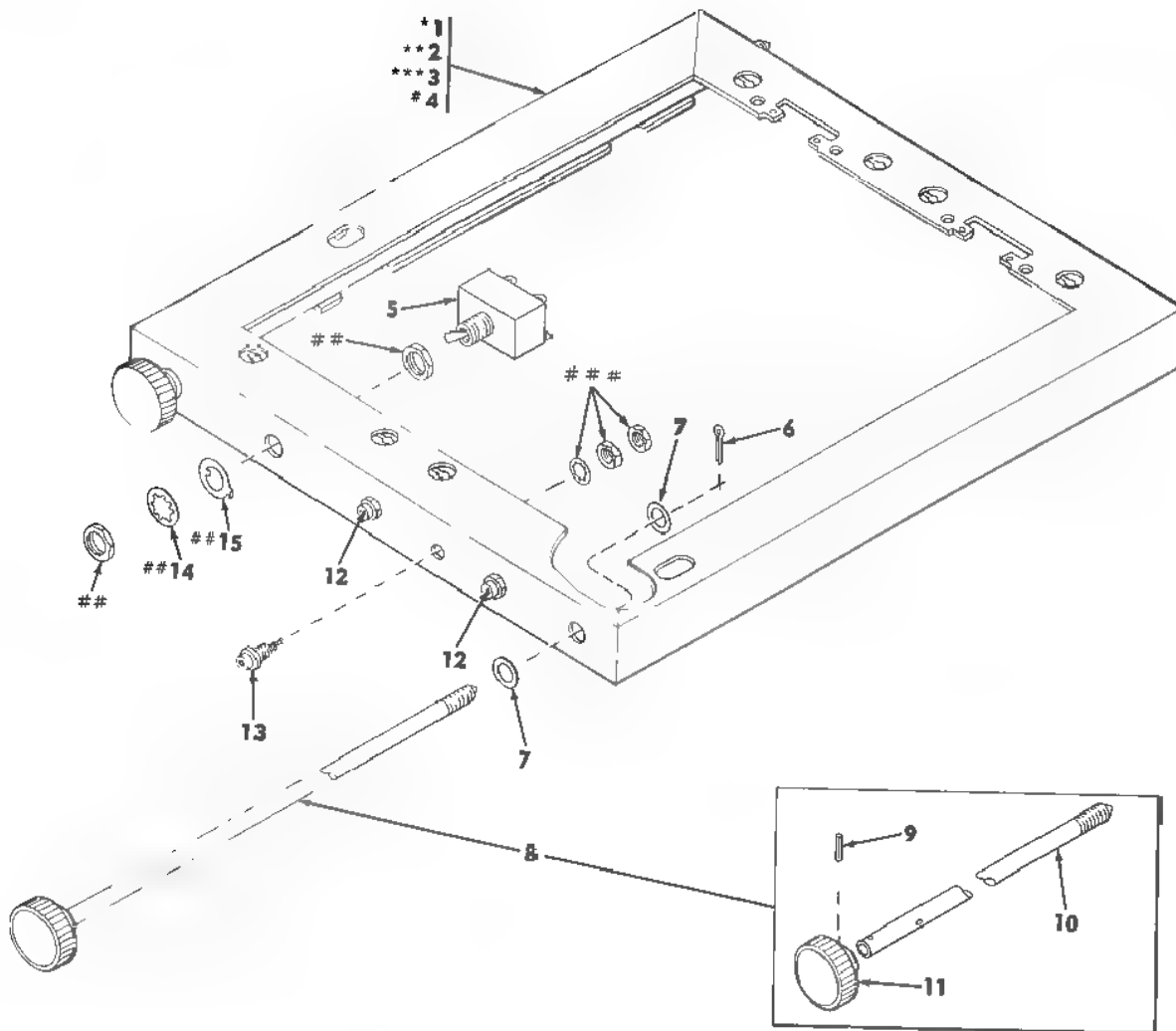
FIGURE 252. DOOR, PLASTIC FOLDING /8518692/-EXPLODED VIEW  
/SEE FIGURE 229 FOR NEXT HIGHER ASSEMBLY/



ORD G256841

1	SUPPORT 8174374.....1	5	WASHER MS27183-12.....4	9	KNOB 7598315.....1
2	SCREW MS35265-44.....3	6	THUMBSCREW 7600425.....2	10	FRAME 8174373.....1
3	WASHER MS35338-42.....3	7	ROD 7600426.....1	11	PIN MS24665-153.....2
4	WASHER MS27183-7.....3	8	PIN MS16562-223.....1		

FIGURE 253. FRAME /8174372/ EXPLODED VIEW  
/SEE FIGURE 230 FOR NEXT HIGHER ASSEMBLY/



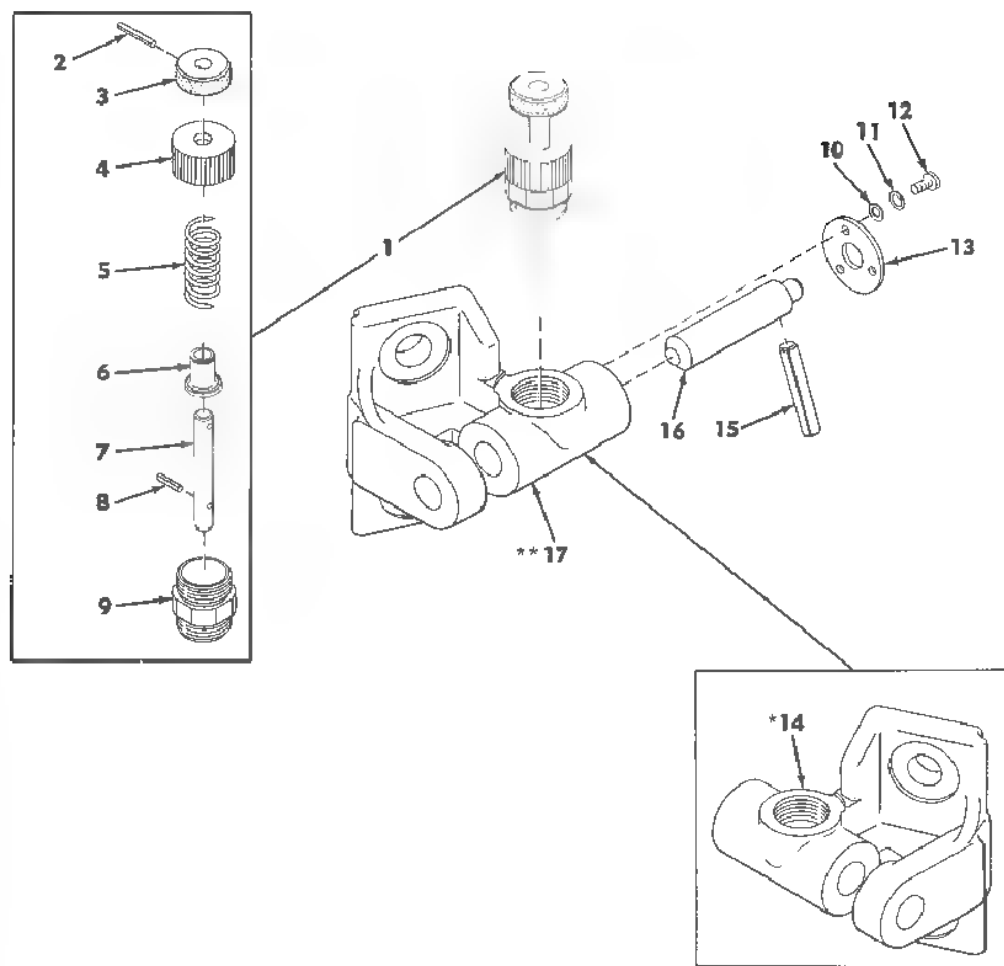
ORD G304907

1 FRAME 8512747.....1  
 2 FRAME 8512748.....1  
 3 FRAME 8512749.....1  
 4 FRAME 8172931.....1  
 5 SWITCH MS35059-26.....1  
 6 PIN MS24665-153.....2  
 7 WASHER MS27183-12.....4  
 8 THUMBSCREW 7600425.....2

9 PIN MS16562-223.....1  
 10 ROD 7600426.....1  
 11 KNOB 7598315.....1  
 12 JACK MS39024-10-01.....2  
 13 JACK MS39024-10-C3.....1  
 14 WASHER MS35333-121.....1  
 15 WASHER MS25081-4.....1

\* FOR FRAME-8512744  
 \*\* FOR FRAME-8512745  
 \*\*\* FOR FRAME-8512746  
 # FOR FRAME-8172930  
 ## FURNISHED WITH ITEM 5  
 ### FURNISHED WITH ITEM 13

FIGURE 254. FRAME 8512744, 8512745, 8512746, AND 8172930/-EXPLODED VIEW  
 /SEE FIGURE 231 FOR NEXT HIGHER ASSEMBLY/

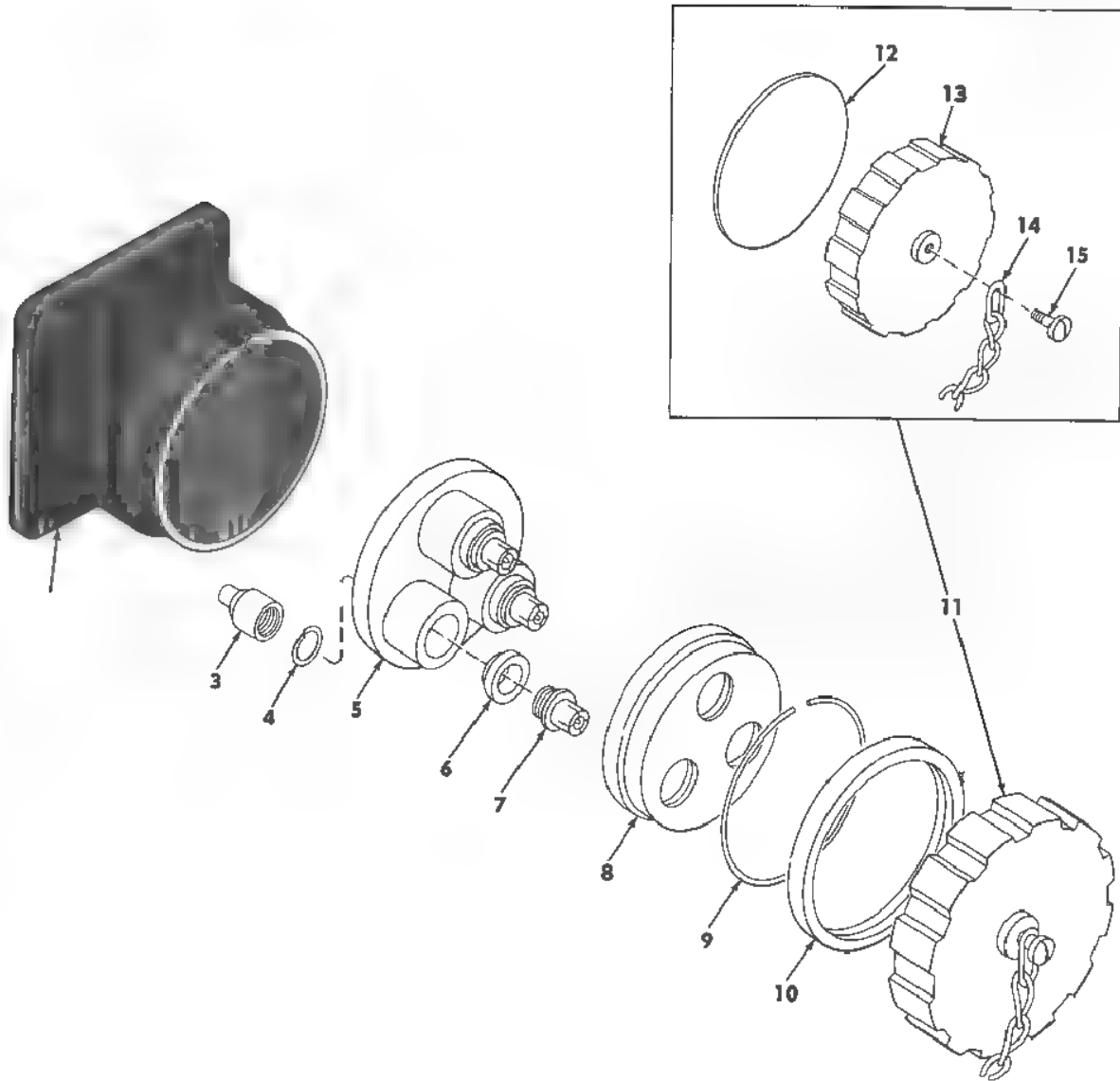


ORD G256843

1 RELEASE BRACE 9003177.....1	8 PIN MS16562-193.....1	15 PIN NAS56108-22.....1
2 PIN MS16562-197.....1	9 HOUSING 9003178.....1	16 PIN 9003100.....1
3 KNOB 9003174.....1	10 WASHER MS27183-3.....3	17 RETAINER 9003105.....1
4 RETAINER 9003171.....1	11 WASHER MS35338-40.....3	
5 SPRING 9003172.....1	12 SCREW MS35206-214.....3	
6 RETAINER 9003175.....1	13 STOP 9003101.....1	
7 PIN 9003173.....1	14 RETAINER 9003107.....1	

\* FOR RETAINER-9003106  
\*\* FOR RETAINER-9003104

FIGURE 255. RETAINER, STAY /9003104 AND 9003106/-EXPLODED VIEW  
/SEE FIGURE 233 FOR NEXT HIGHER ASSEMBLY/

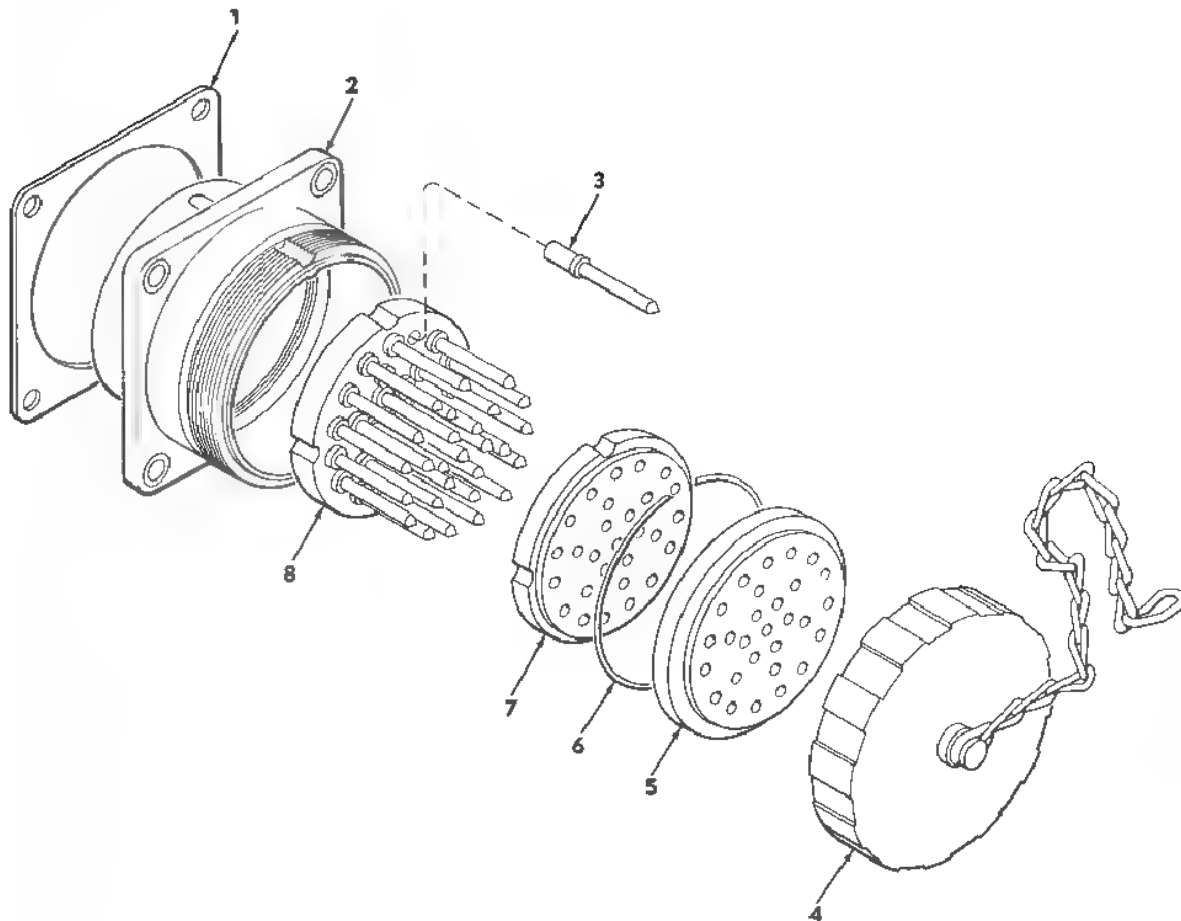


ORD G304908

1 GASKET 49367-A183447.....1	7 WASHER 9150586.....3	11 CAP 49367-X122P.....1
2 SHELL 49367-B173143.....1	7 INSERT 9150583.....3	12 GASKET 49367-A183446.....1
3 HOOD 9150585.....3	8 PLATE 49367-X729.....1	13 CAP 49367-B173148.....1
4 WASHER 49367-X723.....3	9 RING 49367-A183444.....1	14 CHAIN 49367-A181100.....1
5 CAP 49367-X731.....1	10 GASKET 49367-X735.....1	15 STUD 49367-A40877A.....1

FIGURE 256. CONNECTOR, RECEPTACLE, ELECTRICAL /8016481/-EXPLODED VIEW  
/SEE FIGURE 234 FOR NEXT HIGHER ASSEMBLY/

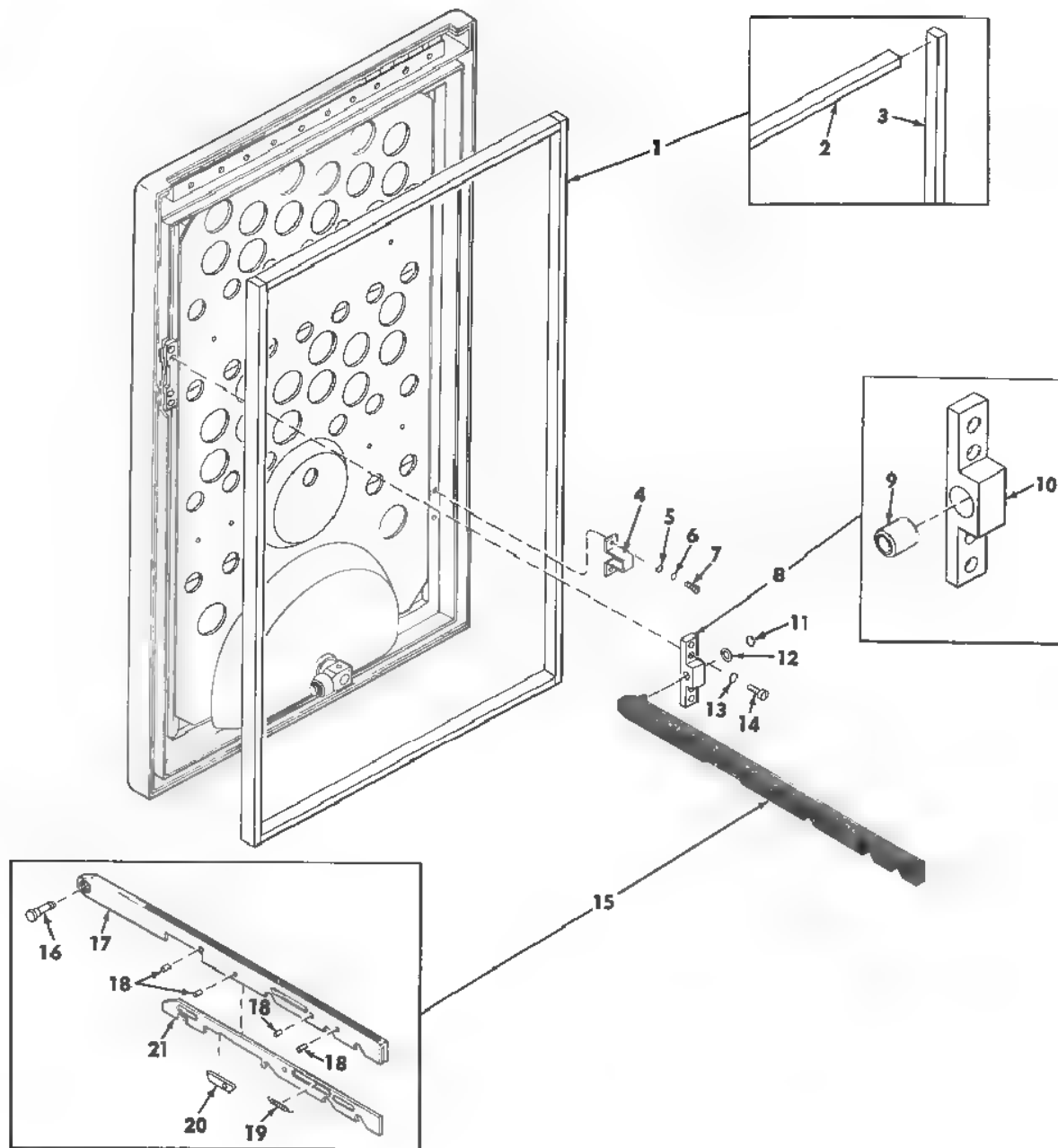




ORD G304909

1	GASKET	5183447	.....1
2	SHELL	5578758	.....1
3	CONTACT	7632546	.....28
4	COVER	6173147	.....1
5	GASKET	7632548	.....1
6	RING	5183444	.....1
7	INSULATOR	7632547	.....1
8	INSULATOR	7632550	.....1

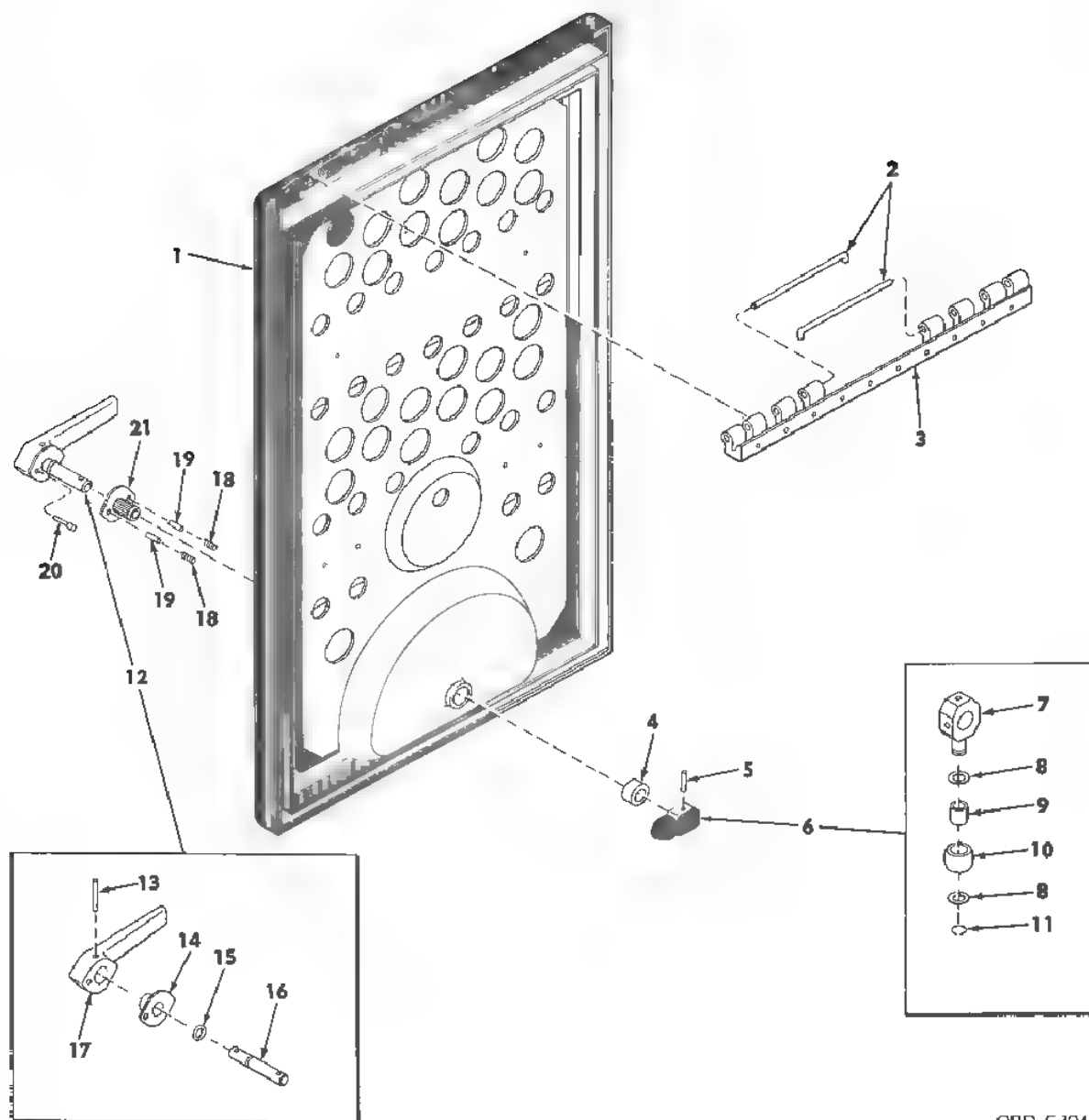
FIGURE 257. CONNECTOR, RECEPTACLE, ELECTRICAL /7632526/-EXPLODED VIEW  
/SEE FIGURES 234 AND 235 FOR NEXT HIGHER ASSEMBLY/



ORD G304910

1 GASKET 8021277.....1	8 BLOCK ASSEMBLY 8018641.....1	15 BRACE 8018633.....1
2 GASKET 8021277-2.....2	9 BEARING 8000810.....1	16 STUD 8018638.....1
3 GASKET 8021277-3.....2	10 BLOCK 8018642.....1	17 BRACE 8018635.....1
4 BRACKET 8000837.....1	11 RING MS16628-2031.....1	18 PIN 141106.....4
5 WASHER MS27183-6.....2	12 WASHER 7600700.....1	19 SPRING 8018639.....1
6 WASHER MS35338-41.....2	13 WASHER MS35338-43.....4	20 PAWL 8018640.....1
7 SCREW MS35265-26.....2	14 SCREW MS35265-64.....4	21 SLIDE 8018637.....1

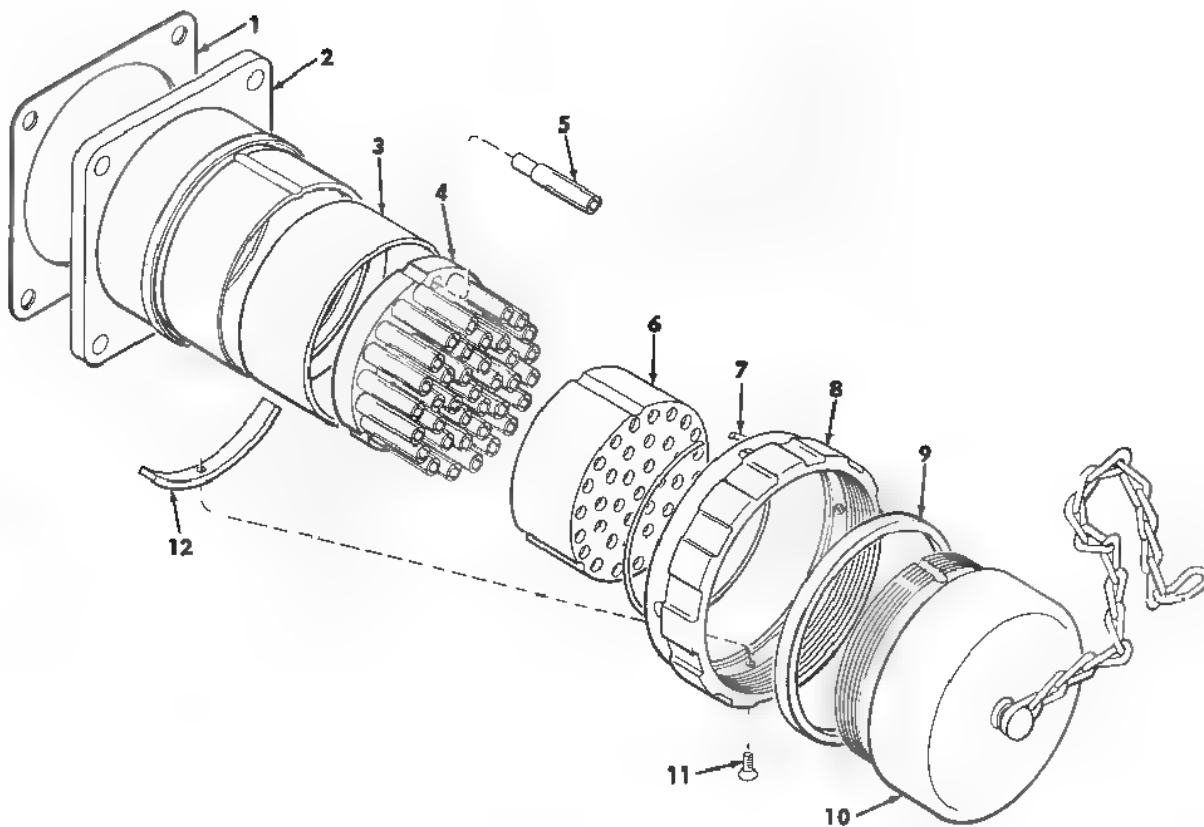
FIGURE 258. DOOR /8018662/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 235 FOR NEXT HIGHER ASSEMBLY/



ORD G304911

1	DOOR 3018663.....1	8	WASHER 7598898.....2	15	PACKING AN6227-7.....1
2	PIN 8000814.....2	9	BEARING MS17795-47.....1	16	SHAFT 8018629.....1
3	LEAF 8018648.....1	10	ROLLER 8018652.....1	17	HANDLE 8171103.....1
4	SPACER 8171432.....1	11	RING MS16624-1037.....1	18	SPRING 8018655.....2
5	PIN 141160.....1	12	HANDLE 8171112.....1	19	PIN 8018658.....2
6	ARM 8171434.....1	13	PIN 141163.....1	20	PIN 8018657.....1
7	ARM 8171433.....1	14	BEARING 9150496.....1	21	BUSHING 8018649.....1

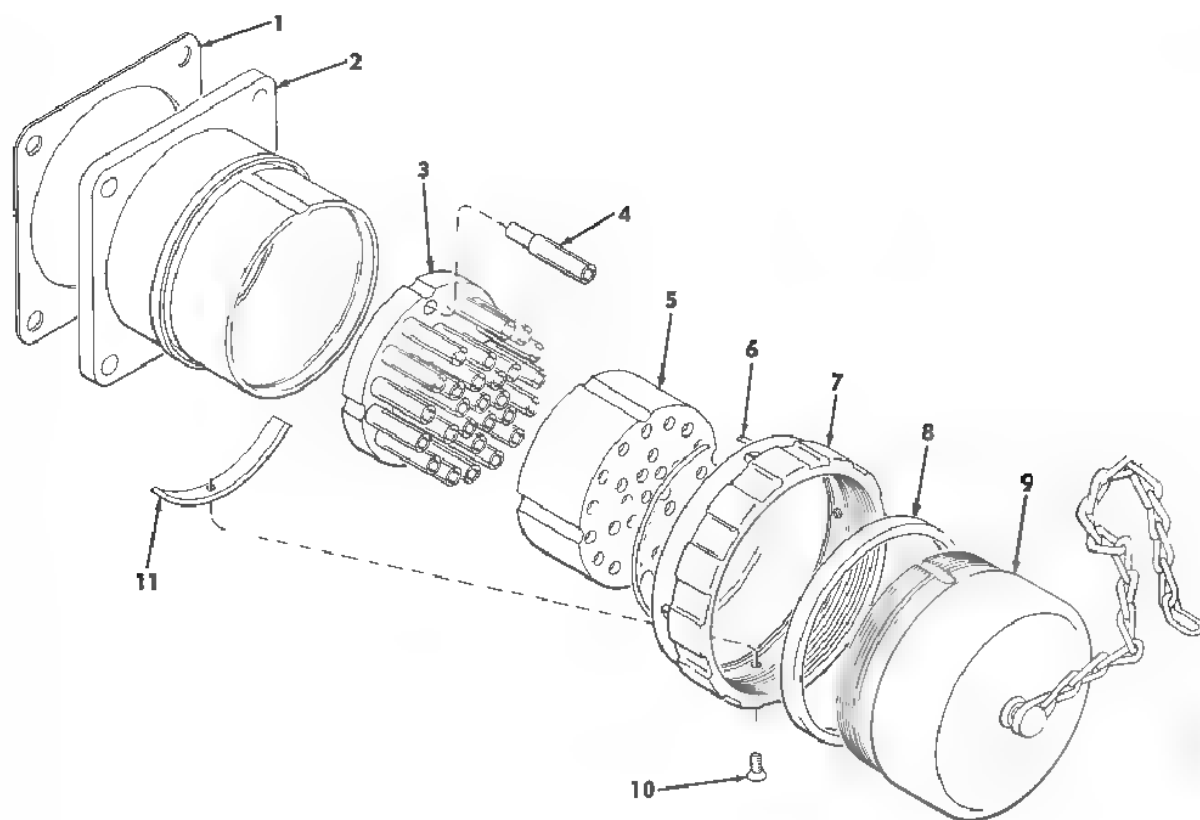
FIGURE 259. DOOR /8018662/-PARTIAL EXPLODED VIEW



ORD G284576

1 GASKET 5183447.....1	5 TERMINAL 7632545.....38	9 GASKET 5183448.....1
2 BODY 5579609.....1	6 INSULATOR 7632543.....1	10 COVER 6173325.....1
3 SPACER 7632068.....1	7 RING 5183444.....1	11 SCREW 421387.....4
4 INSULATOR 7632544.....1	8 NUT 6173153.....1	12 SHOE 5183450.....4

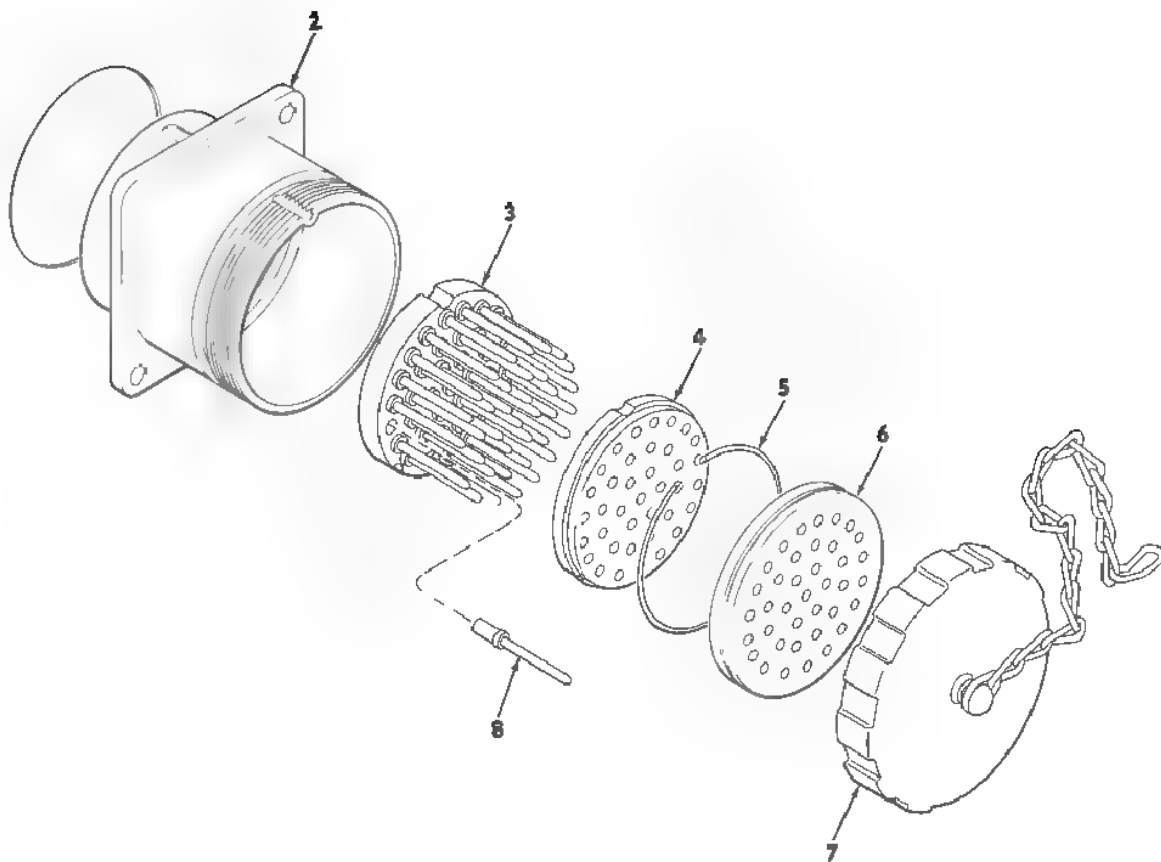
FIGURE 260. CONNECTOR, RECEPTACLE, ELECTRICAL /7632065/-EXPLODED VIEW  
/SEE FIGURE 235 FOR NEXT HIGHER ASSEMBLY/



ORD G256849

1 GASKEY 5183447.....1	5 INSULATOR 7632543.....1	9 COVER 6173151.....1
2 SHELL 5578538.....1	6 RING 5183444.....1	10 SCREW 421387.....4
3 INSULATOR 7632544.....1	7 NUT 6173153.....1	11 SHOE 5183450.....4
4 TERMINAL 7632545.....38	8 GASKET 5183448.....1	

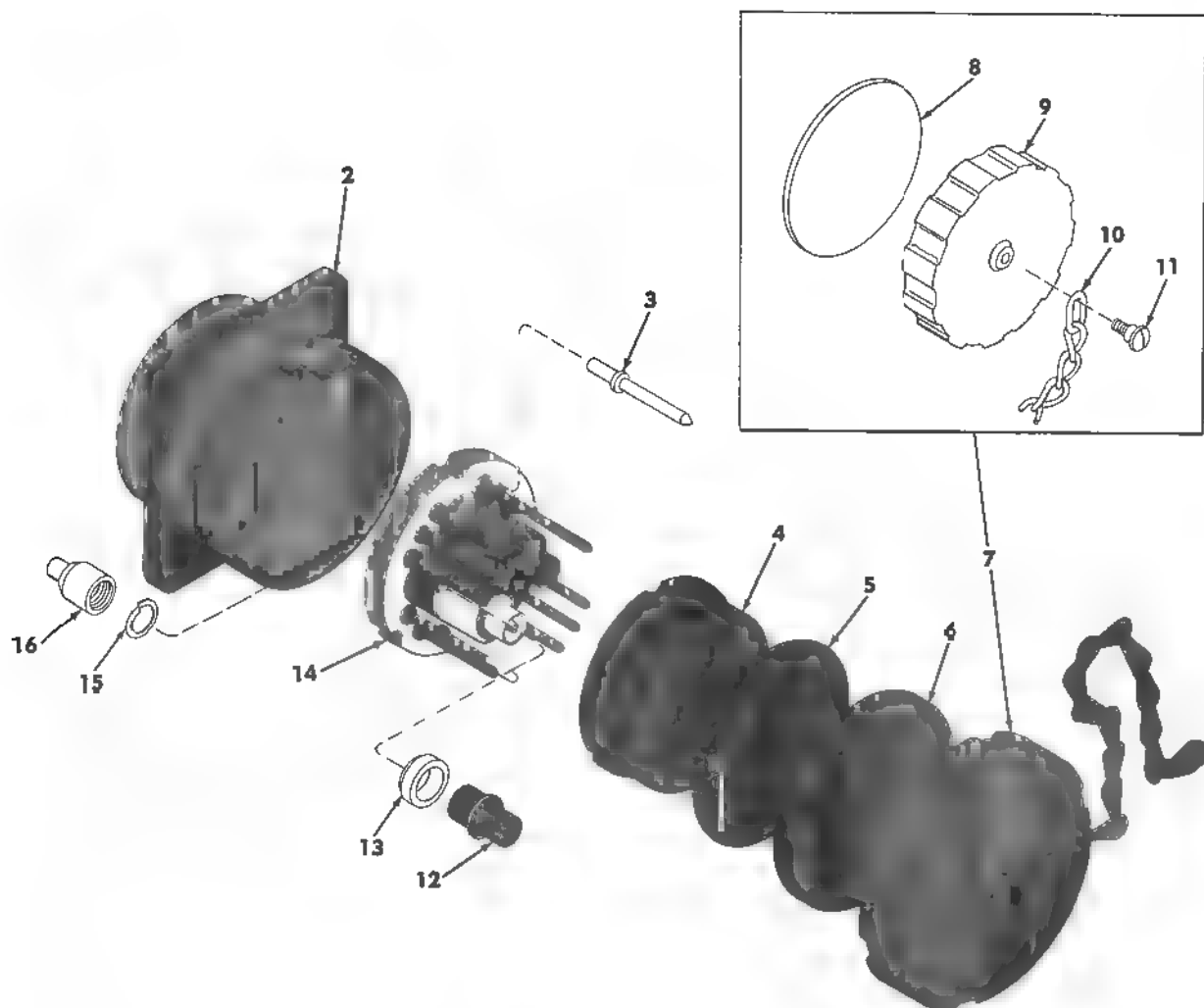
FIGURE 261. CONNECTOR, RECEPTACLE, ELECTRICAL /7632529/-EXPLODED VIEW  
/SEE FIGURE 235 FOR NEXT HIGHER ASSEMBLY/



ORD G284577

1	GASKET	5183447	.....1
2	BODY	6173143	.....1
3	INSULATOR	7632544	.....1
4	INSULATOR	7632542	.....1
5	RING	5183444	.....1
6	GASKET	7632541	.....1
7	COVER	6173147	.....1
8	CONTACT	7632546	.....38

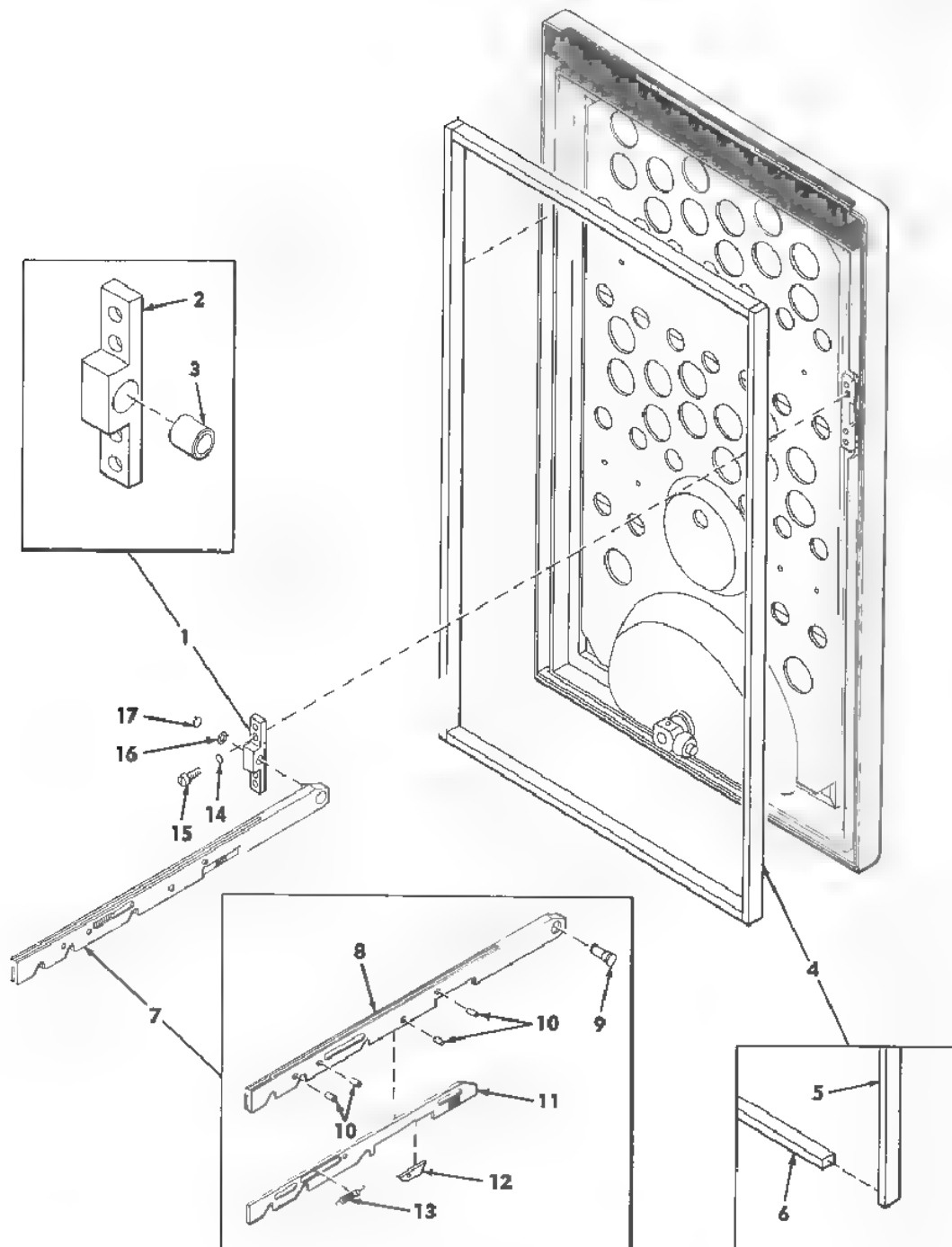
FIGURE 262. CONNECTOR, RECEPTACLE, ELECTRICAL /7632064/-EXPLODED VIEW  
/SEE FIGURE 235 FOR NEXT HIGHER ASSEMBLY/



ORD G304912

1	GASKET	5183447.....1	7	CAP	49367-X122P.....1	13	WASHER	9150586.....4
2	SHFL	49367-C78758.....1	8	GASKET	49367-A183446.....1	14	INSULATOR	49367-X728.....1
3	CONTACT	7632546.....12	9	CAP	49367-B173148.....1	15	WASHER	49367-X723.....4
4	INSULATOR	49367-X726.....1	10	CHAIN	49367-A181100.....1	16	HOOD	9150585.....4
5	RING	5183444.....1	11	STUD	49367-A40877A.....1			
6	GASKET	49367-X735.....1	12	INSERT	9150583.....4			

FIGURE 263. CONNECTOR, RECEPTACLE, ELECTRICAL /8016486/-EXPLODED VIEW  
/SEE FIGURE 235 FOR NEXT HIGHER ASSEMBLY/

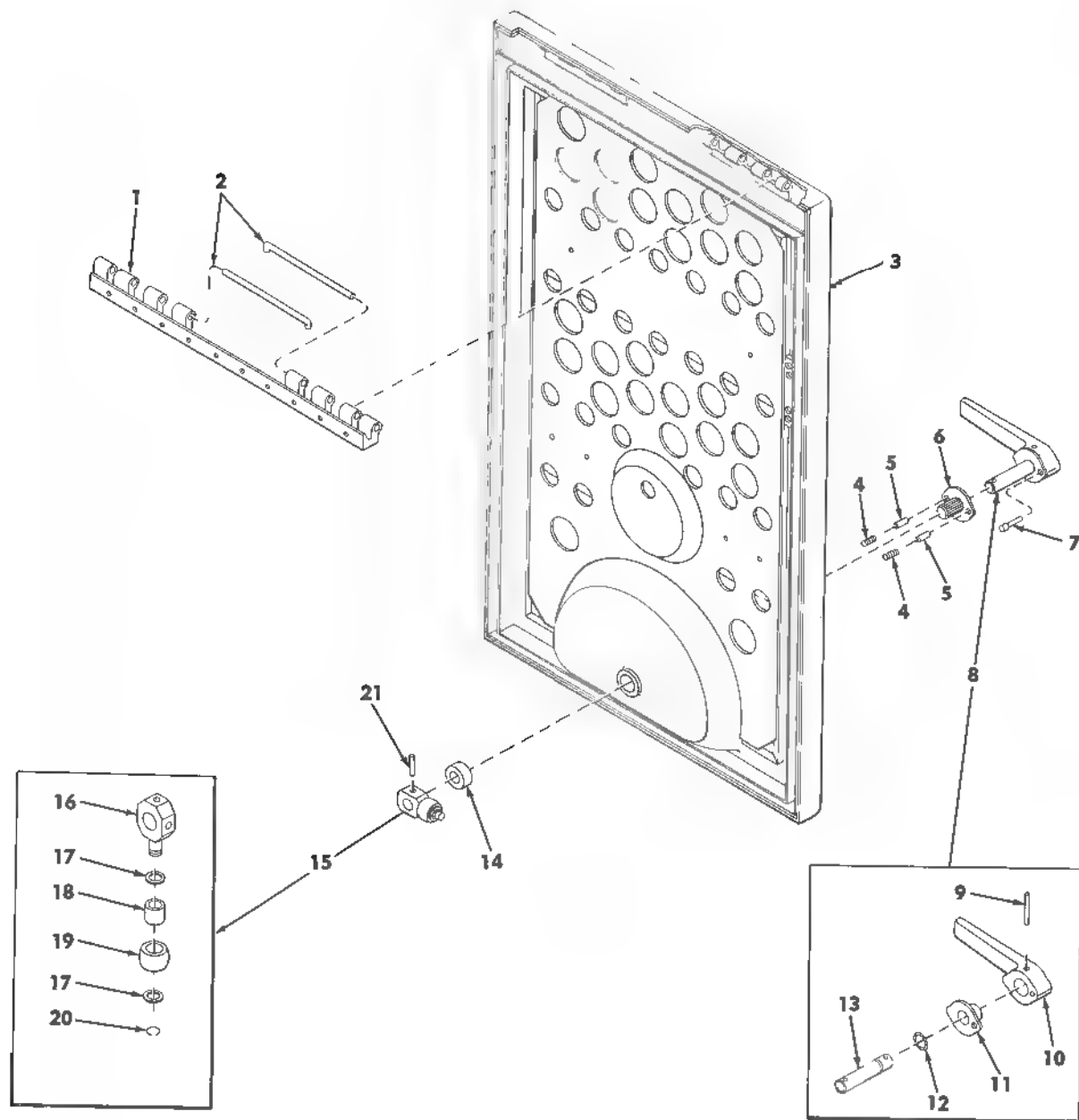


ORD G256852

1 BLOCK ASSEMBLY 8018641.....1	7 BRACE 8018632.....1	13 SPRING 8018639.....1
2 BLOCK 8018642.....1	8 BRACE 8018634.....1	14 WASHER MS35338-43.....4
3 BEARING 8000810.....1	9 STUD 8018638.....1	15 SCREW MS35269-64.....4
4 GASKET 8021277.....1	10 PIN 141106.....4	16 WASHER 7600700.....1
5 GASKET 8021277-3.....1	11 SLIDE 8018637.....1	17 RING MS16628-2031.....1
6 GASKET 8021277-2.....1	12 PAWL 8018640.....1	

FIGURE 264. DOOR /8018666/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 235 FOR NEXT HIGHER ASSEMBLY/

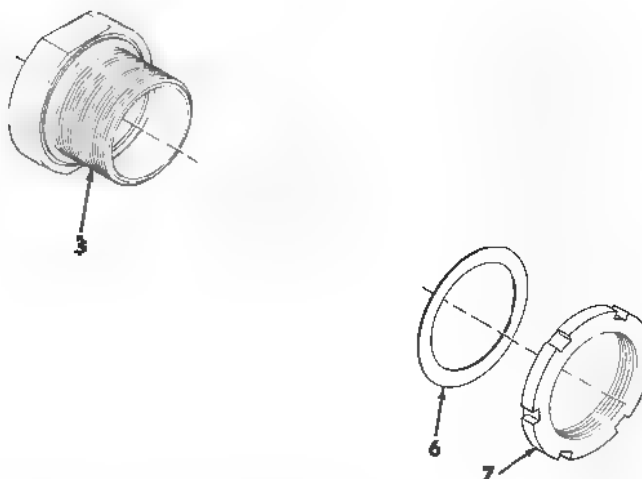




ORD G284578

1 LEAF 8018648.....1	8 HANDLE 8171112.....1	15 ARM 8171434.....1
2 PIN 8000814.....2	9 PIN 141163.....1	16 ARM 8171433.....1
3 DOOR 8018667.....1	10 HANDLE 8171103.....1	17 WASHER 7598898.....2
4 SPRING 8018655.....2	11 BEARING 8150496.....1	18 BEARING MS17795-47.....1
5 PIN 8018658.....2	12 PACKING AN6227-7.....1	19 ROLLER 8018652.....1
6 BUSHING 8018649.....1	13 SHAFT 8018629.....1	20 RING MS18624-1037.....1
7 PIN 8018657.....1	14 SPACER 8171432.....1	21 PIN 141160.....1

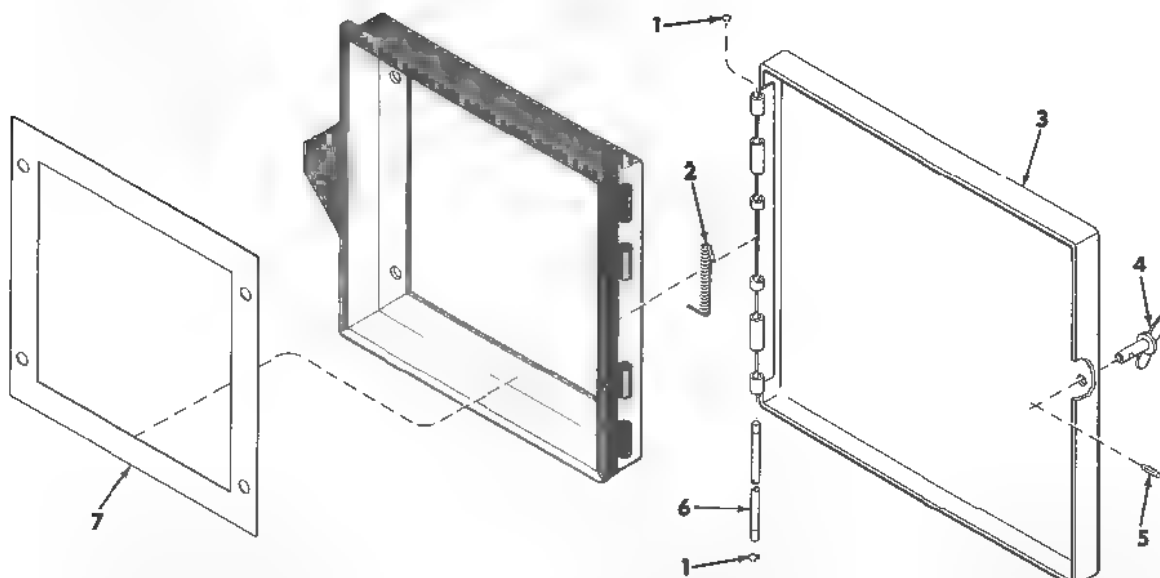
FIGURE 265. DOOR /8018666/-PARTIAL EXPLODED VIEW



- |   |           |              |   |
|---|-----------|--------------|---|
| 1 | RING      | 7599861..... | 1 |
| 2 | INSERT    | 7615183..... | 1 |
| 3 | CONNECTOR | 9008056..... | 1 |
| 4 | GASKET    | 7604851..... | 1 |
| 5 | GASKET    | 7601216..... | 1 |
| 6 | WASHER    | 7598515..... | 1 |
| 7 | NUT       | 7604799..... | 1 |

ORD G256854

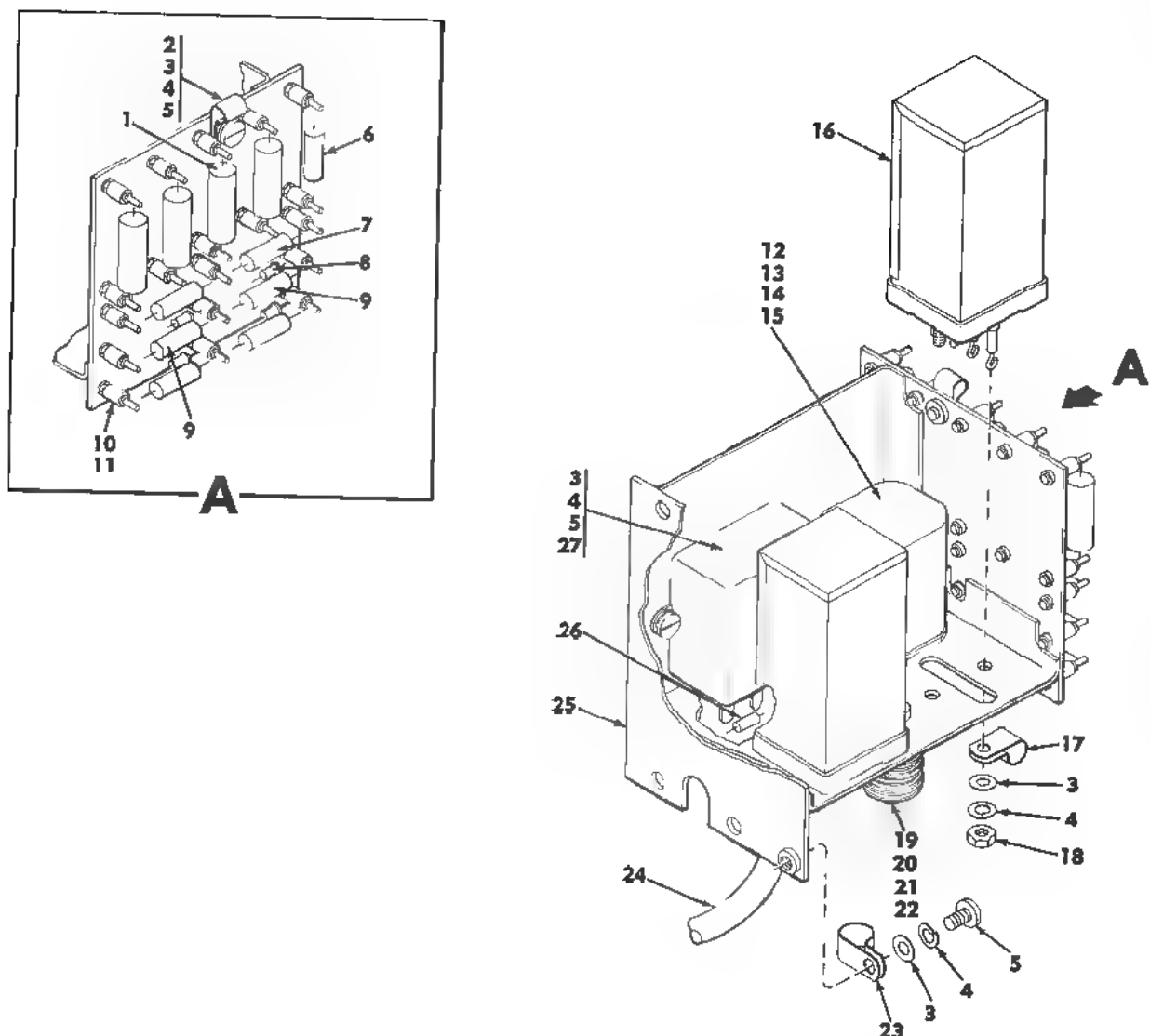
FIGURE 266. CONNECTOR, RECEPTACLE, ELECTRICAL /7606490/-EXPLODED VIEW  
/SEE FIGURE 236 FOR NEXT HIGHER ASSEMBLY/



- |   |        |              |   |
|---|--------|--------------|---|
| 1 | RING   | 8176476..... | 2 |
| 2 | SPRING | 8021308..... | 1 |
| 3 | DOOR   | 8021302..... | 1 |
| 4 | STUD   | 9001475..... | 1 |
| 5 | PIN    | 7598553..... | 1 |
| 6 | PIN    | 8021304..... | 1 |
| 7 | GASKET | 8517042..... | 1 |

ORD G304913

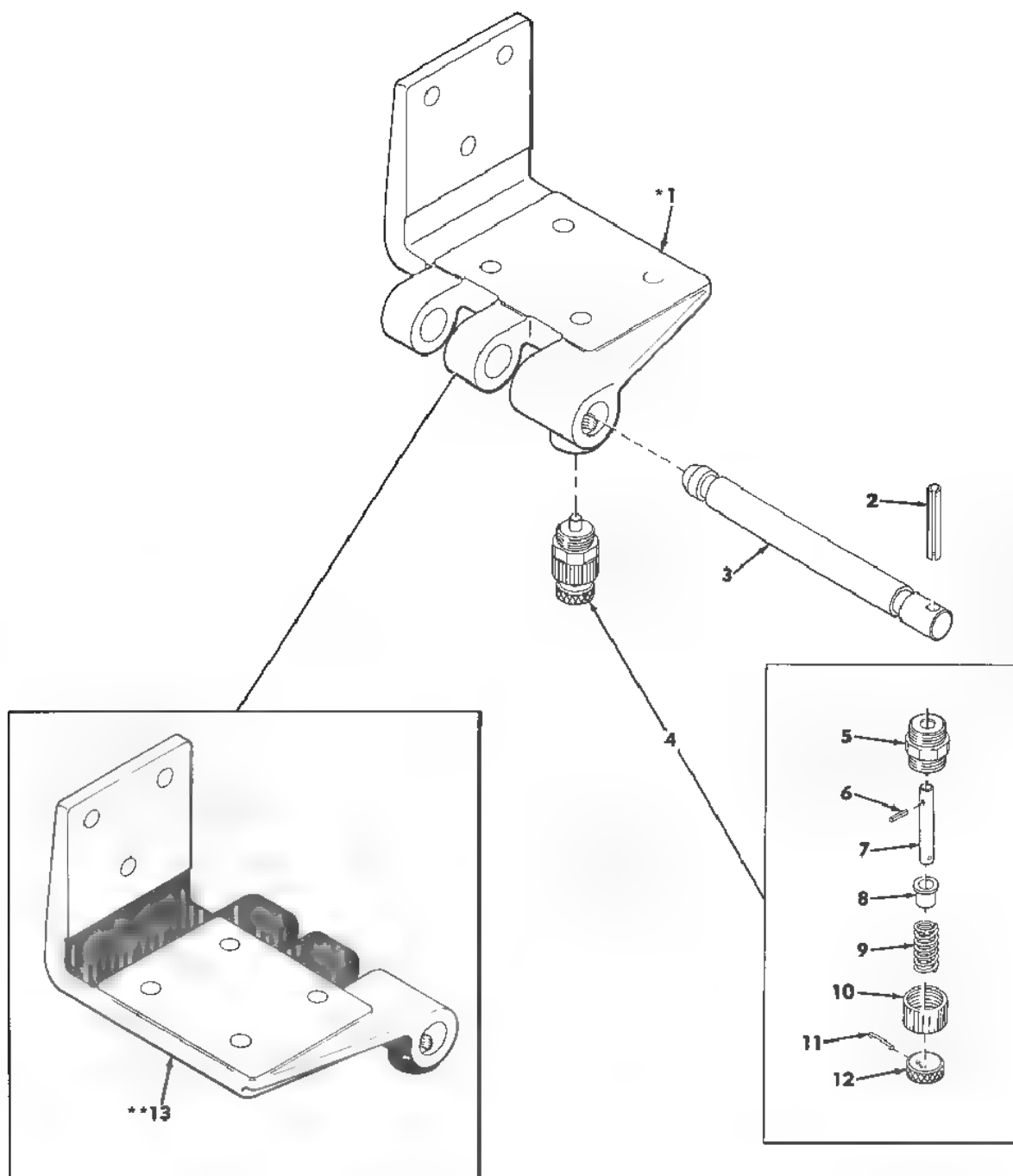
FIGURE 267. DOOR AND FRAME ASSEMBLY /8517037/-EXPLODED VIEW  
/SEE FIGURE 236 FOR NEXT HIGHER ASSEMBLY/



ORD G304914

1 RESISTOR RN75C1962F.....4	10 TERMINAL 7599087.....19	20 WASHER MS27183-8.....1
2 CLAMP NAS1397K3N.....1	11 WASHER MS35340-40.....19	21 WASHER MS35338-43.....1
3 WASHER MS27183-7.....8	12 RELAY 9009252.....1	22 NUT MS35650-302.....1
4 WASHER MS35338-42.....8	13 WASHER MS27183-6.....3	23 CLAMP NAS1397R7.....1
5 SCREW MS35206-243.....4	14 WASHER MS35338-41.....3	24 WIRING HARNESS 9007992.....1
6 RESISTOR 9733203.....1	15 NUT MS35649-262.....3	SEE FIGURE 277, NUMBER 18
7 RESISTOR 9011635.....4	16 CAPACITOR 9003646.....2	FOR DETAILS
8 SEMICONDUCTOR DEVICE	17 CLAMP NAS1397R5.....1	25 CHASSIS 9007892.....1
JAN1N647.....4	18 NUT MS35649-282.....4	RESISTOR RCR20G104J5.....1
9 RESISTOR 9002955.....2	19 RESISTOR 7599075.....1	27 CAPACITOR CP53B1EB405K1.....1

FIGURE 268. LIMITER, ELEVATION SERVO /9007893/-EXPLODED VIEW  
/SEE FIGURE 239 FOR NEXT HIGHER ASSEMBLY/



ORD G256857

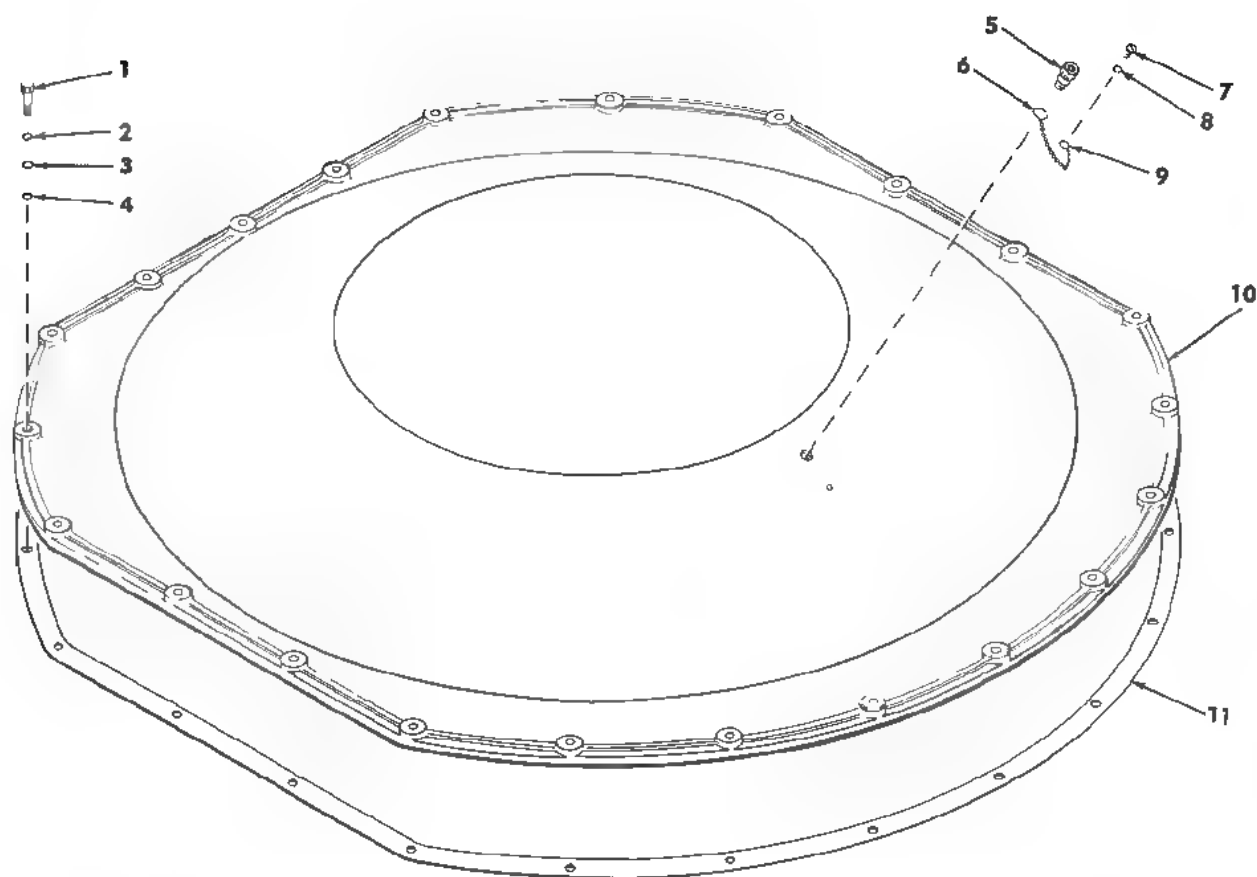
1 LEAF 9003120.....1  
2 PIN MS16562-255.....1  
3 PIN 9003121.....1  
4 RELEASE BRACE 9003177.....1  
5 HOUSING 9003176.....1  
6 PIN MS16562-193.....1

7 PIN 9003173.....1  
8 RETAINER 9003175.....1  
9 SPRING 9003172.....1  
10 RETAINER 9003171.....1  
11 PIN MS16562-197.....1  
12 KNOB 9003174.....1

13 LEAF 9003123.....1

\* FOR LEAF-9003119  
\*\* FOR LEAF-9003122

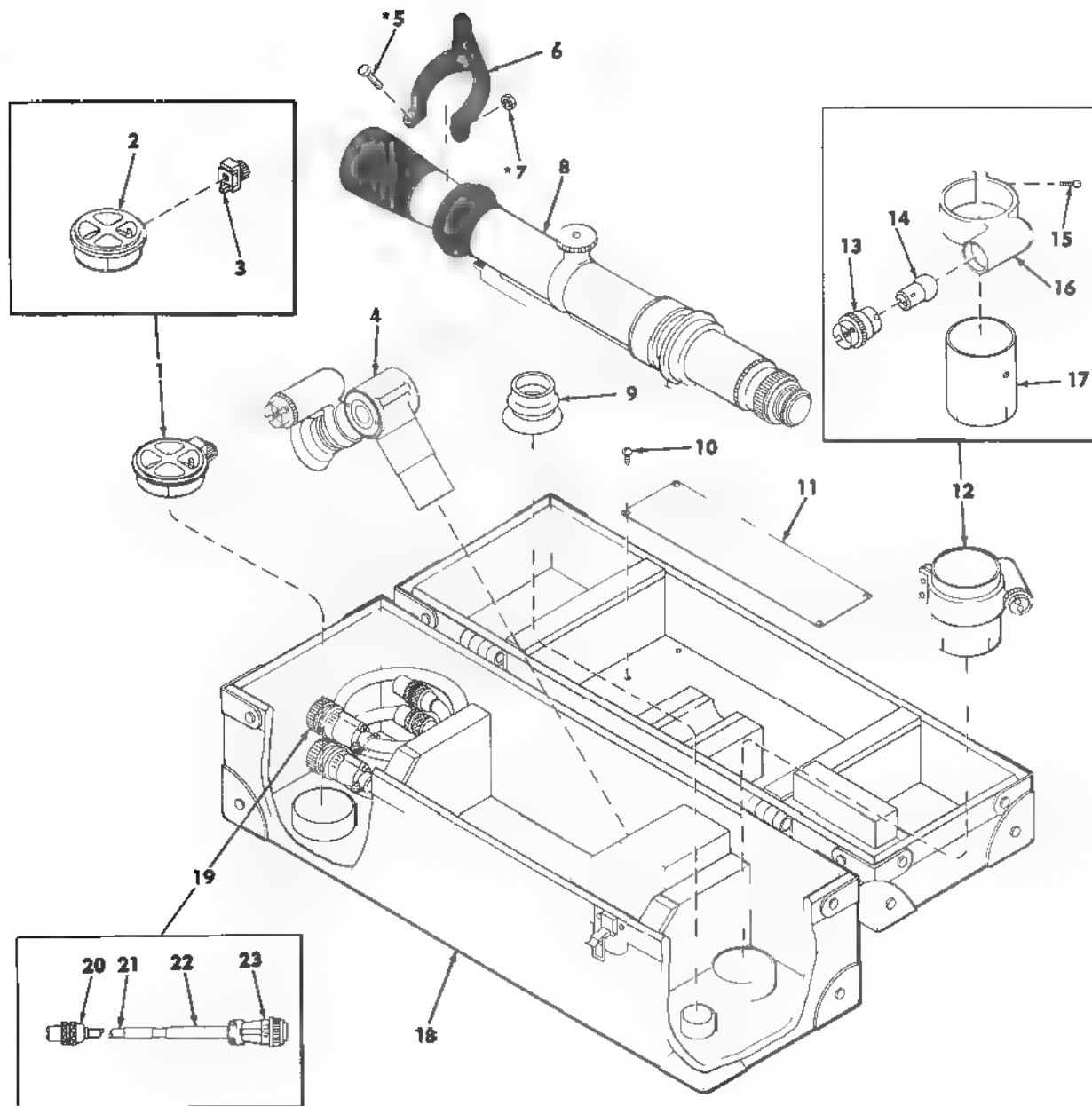
FIGURE 269. LEAF, HINGE /9003119 AND 9003122/-EXPLODED VIEW  
/SEE FIGURE 240 FOR NEXT HIGHER ASSEMBLY/



ORD G304915

1 BOLT 8000619.....22	5 PLUG 8511889.....1	9 CHAIN 7598439.....1
2 WASHER MS35338-45.....22	6 RING 8511888.....1	10 COVER 8013217.....1
3 WASHER MS27183-12.....22	7 SCREW MS35265-43.....1	11 GASKET 8013218.....1
4 PACKING MS29561-009.....22	8 WASHER MS35338-42.....1	

FIGURE 270. COVER /8013219/-EXPLODED VIEW  
/SEE FIGURE 241 FOR NEXT HIGHER ASSEMBLY/



ORD G304916

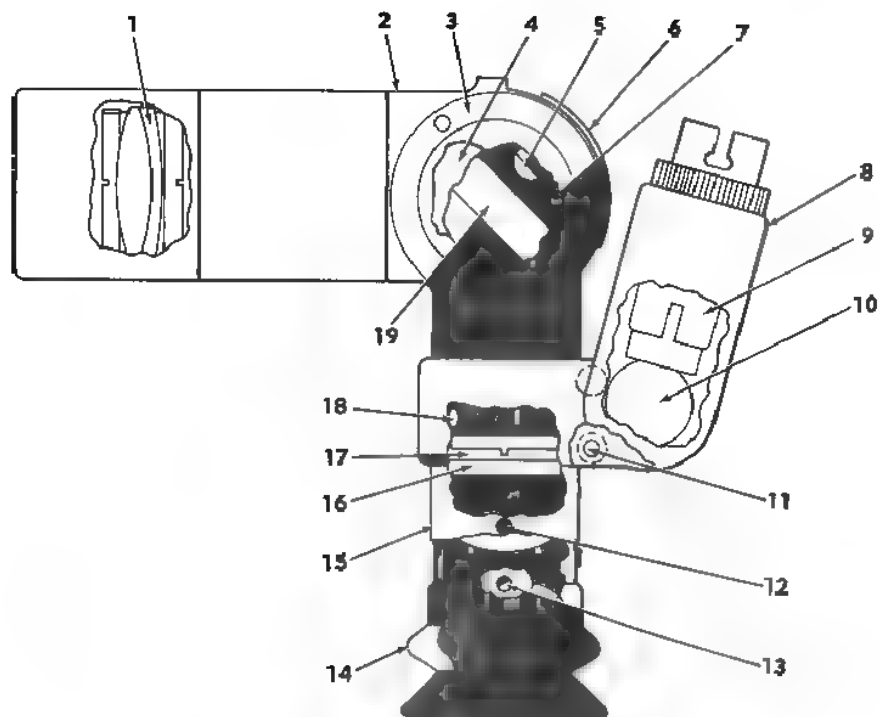
1 SIGHT 8016672.....1  
2 SIGHT 8015840.....1  
3 SCREW 8016665.....1  
4 TELESCOPE ELBOW 7579939.....1  
SEE FIGURE 272 FOR DETAILS  
5 SCREW MS35265-65.....1  
6 CLAMP 8016634.....1  
7 NUT AN365-1024A.....1  
8 TELESCOPE 8513258.....1  
9 EYEFIELD 5039125.....1

10 SCREW MS35495-9.....4  
11 PLATE 8159145.....1  
12 FIXTURE 8016635.....1  
13 LAMPHOLDER 6016301.....1  
14 LAMP MS15569-1.....1  
15 SCREW MS35276-261.....2  
16 CLAMP 9000008.....1  
17 REFLECTOR 8015874.....1  
18 CASE 9173261.....1  
19 CABLE ASSEMBLY 8173064.....2

20 CONNECTOR 5048618.....1  
21 CABLE 8491560.....1  
22 BUSHING MS3420-4.....1  
23 CONNECTOR MS3106R12S9P.....1

\* FURNISHED WITH ITEM 6

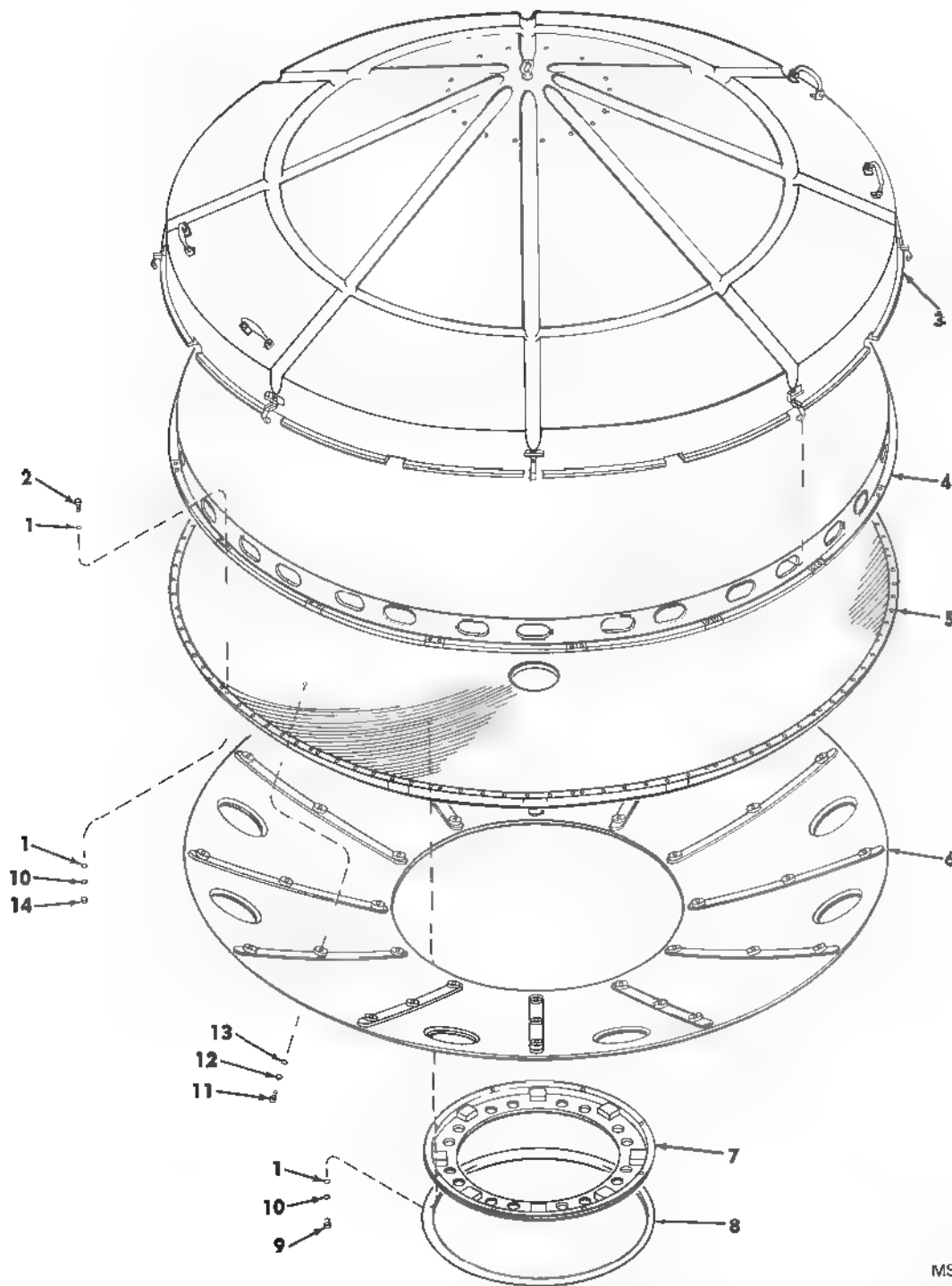
FIGURE 271. TELESCOPE ASSEMBLY /8511779/-EXPLODED VIEW  
/SEE FIGURE 161 FOR NEXT HIGHER ASSEMBLY/



MS 143171

1	OBJECTIVE ASSMBLY	9	LAMPHOLDER 6016301.....1	16	RING 5033911.....1
6137648.....1		10	LAMP MS15569-1.....1	17	OBJECTIVE ASSMBLY
2	BODY 5502713.....1	11	SCREW MS25276-261.....2	6137649.....1	
3	COVER 5033904.....2	12	SCREW 503880.....6	18	WINDOW 5049890.....2
4	PAD 5032820.....2	13	SCREW 540880.....4	19	PRISM 5036234.....1
5	WEDGE 5037821.....1	14	EYESHIELD 5039125.....1		
6	DECAL 8213721.....1	15	EYEPIECE ASSMBLY		
7	HOLDER 5037820.....1	5544414.....1			
8	BRACKET 6129751.....1				

FIGURE 272. TELESCOPE EL80W /7579939/-EXPLODED VIEW  
/SEE FIGURE 271 FOR NEXT HIGHER ASSEMBLY/

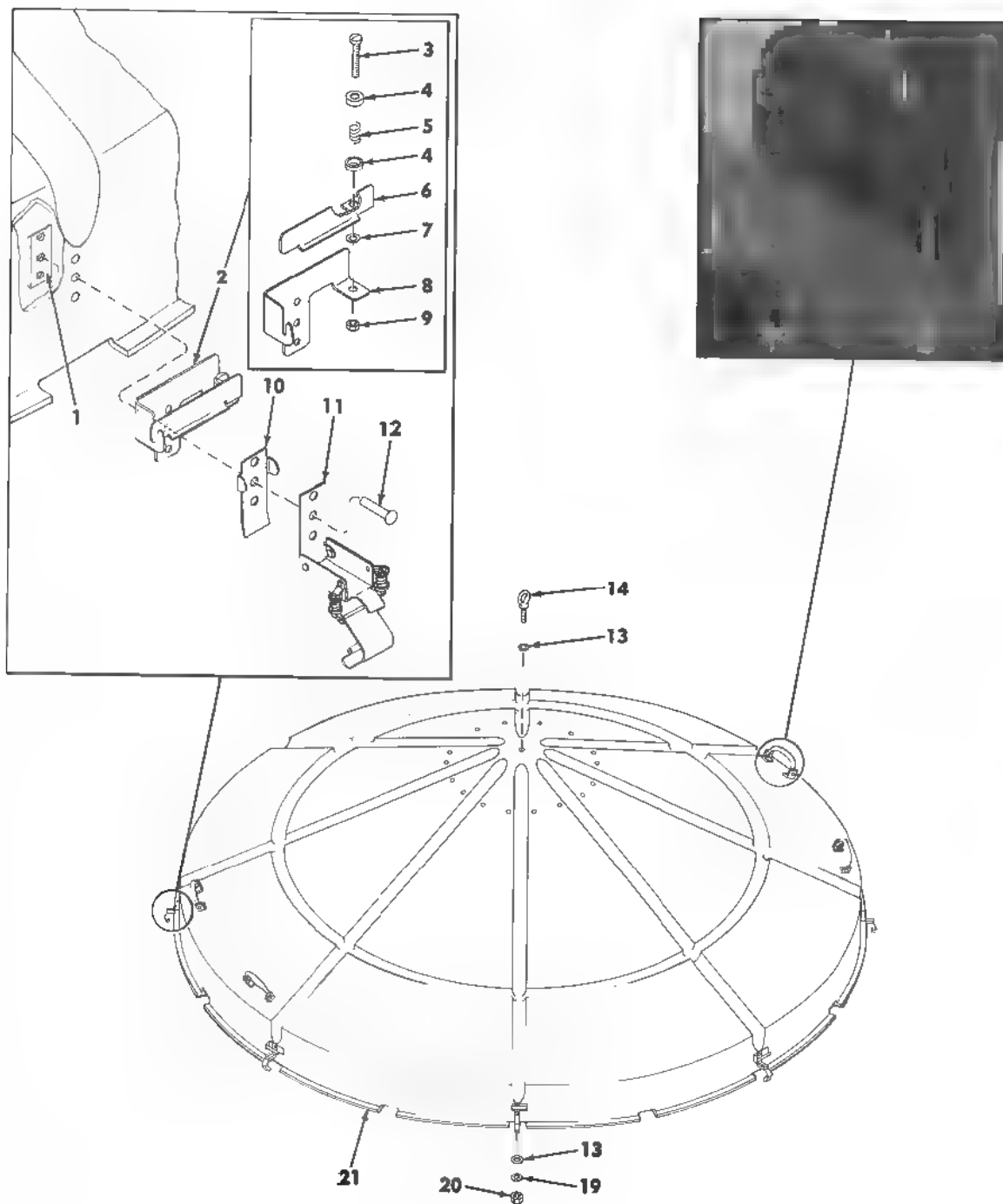


MS 328615A

1	WASHER MS27183-10.....72	6	SHIELD 8171964.....1	10	WASHER MS35338-44.....40
2	SCREW MS90725-8.....32	7	RING 8171965.....1	11	SCREW MS35266-67.....30
3	COVER 10665843.....1	8	SEAL 8171966.....1	12	WASHER MS35338-43.....30
	SEE FIGURE 274 FOR DETAILS	9	SCREW MS16997-63.....8	13	WASHER MS27183-8.....30
4	REFLECTOR 8158878.....1			14	NUT MS51967-2.....32
5	REFLECTOR 8171962.....1				

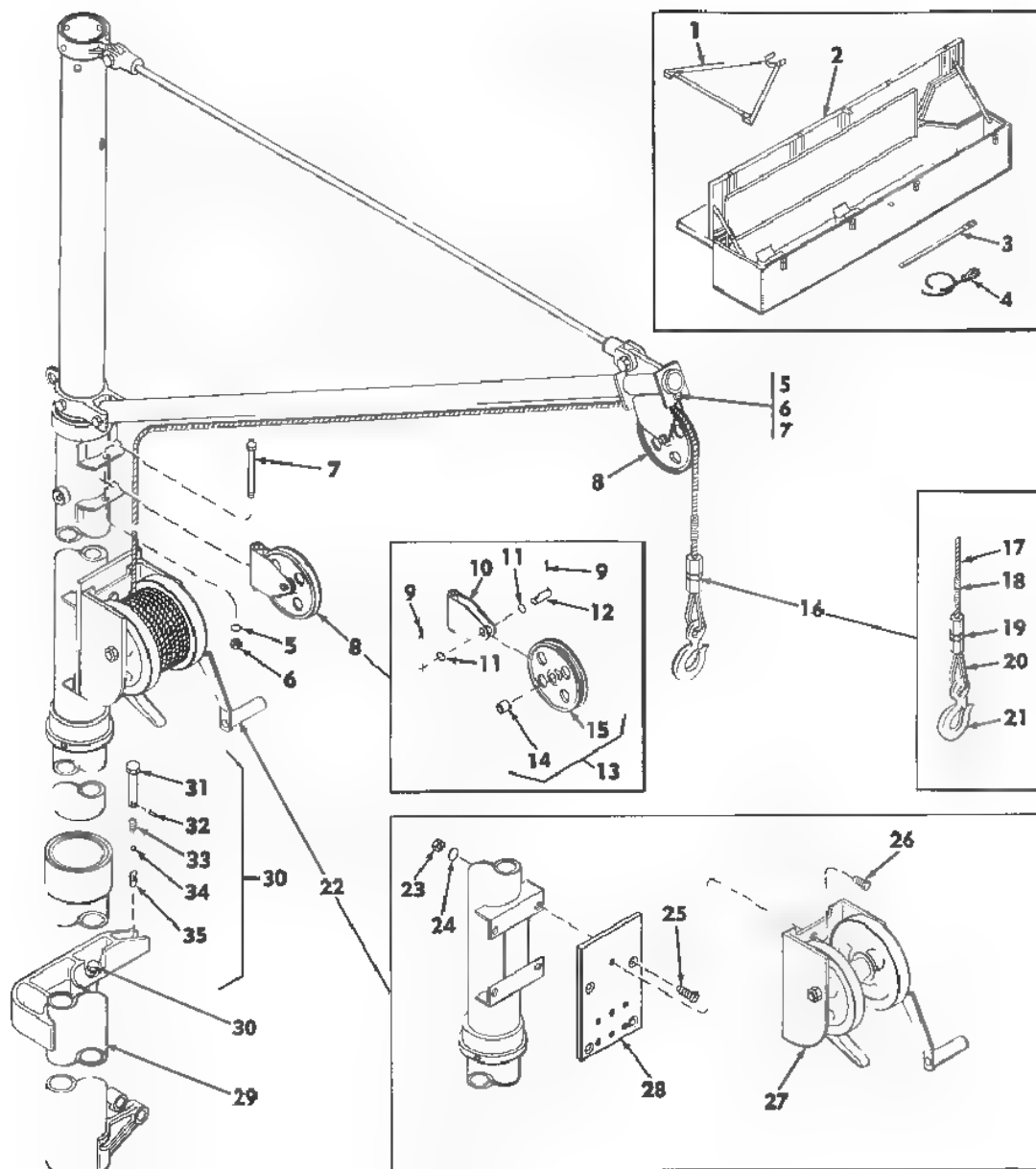
FIGURE 273. REFLECTOR ASSEMBLY, ANTENNA /8158879/-EXPLODED VIEW  
/SEE FIGURE 6 FOR NEXT HIGHER ASSEMBLY/





1	BLOCK 9004372.....8	8	BRACKET 8520090.....1	15	HANDLE 9002521.....4
2	LATCH 8520093.....8	9	NUT MS21045-08.....1	16	WASHER 8520088.....16
3	SCREW MS35265-49.....1	10	HOLDER 9003543.....8	17	WASHER MS35338-43.....8
4	SEAT 8520092.....2	11	CATCH ASSEMBLY 8518053.....8	18	NUT MS35649-202.....8
5	SPRING 8520091.....1	12	RIVET 588150.....24	19	WASHER MS35338-48.....1
6	BRACKET 8520089.....1	13	WASHER MS63040-8.....2	20	NUT MS91967-14.....1
7	WASHER MS27183-7.....1	14	BOLT 9010854.....1	21	COVER 9004371.....1

FIGURE 274. COVER, REFLECTOR ASSEMBLY /10665843/-EXPLODED VIEW  
/SEE FIGURE 273 FOR NEXT HIGHER ASSEMBLY/

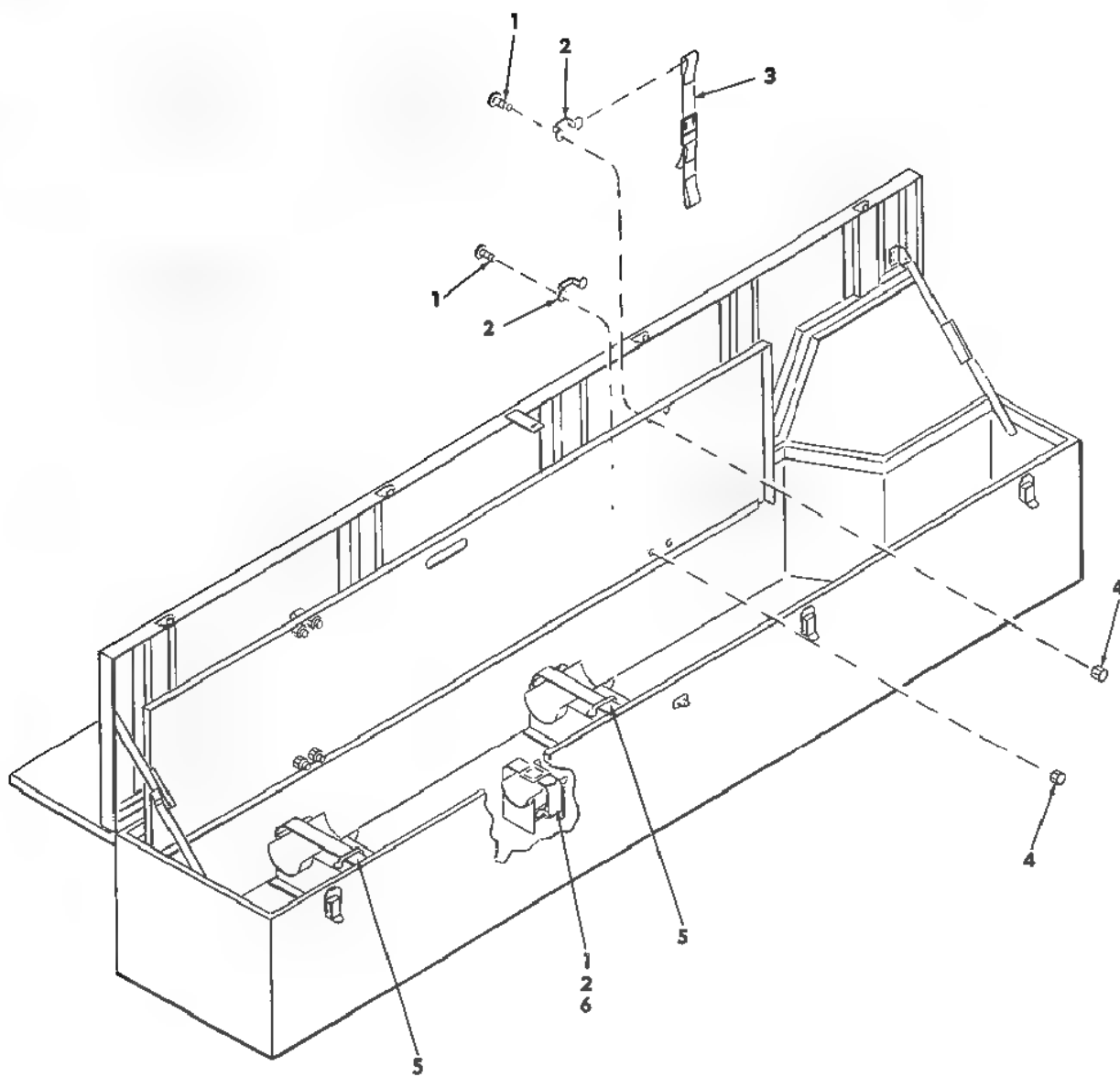


MS 304918A

1	SUPPORT 8511516.....1	12	SHAFT 7609376.....1	25	SCREW MS35191-322.....4
2	CASE ASSEMBLY 8511283.....1	13	PULLEY 9007672.....1	26	SCREW MS35308-356.....4
	SEE FIGURE 277 FOR DETAILS	14	BEARING 7619731.....1	27	WINCH 8035491.....1
3	STRAP 8511504.....1	15	PULLEY 9007671.....1	28	ADAPTER 8031500.....1
4	FIBER ROPE ASSEMBLY	16	CABLE ASSEMBLY 8016531.....1	29	TUBE 8223598.....1
	8010326.....3	17	WIPE ROPE 8531365.....1	30	PIN 8173888.....2
5	WASHER MS27183-14.....2	18	SLEEVE 9007673.....1	31	BODY 8173883.....1
6	NUT 7613324.....2	19	CLAMP 7619814.....1	32	PIN 8173894.....1
7	BOLT AN6-41A.....2	20	THIMBLE AN100C8.....1	33	SPRING 8173892.....1
8	PULLEY ASSEMBLY 8517537.....2	21	HOOK 7619815.....1	34	BALL MS19060-20.....1
9	PIN MS24665-281.....2	22	WINCH ASSEMBLY 8031504.....1	35	LOCK 8173893.....1
10	CLEVIS 8517533.....1	23	NUT MS17829-6F.....4		
11	WASHER AN960-616.....2	24	WASHER 61-0542-1.....4		

FIGURE 275. HOIST ASSEMBLY, ANTENNA /8173930/-PARTIAL EXPLODED VIEW  
/SEE FIGURE 2 FOR NEXT HIGHER ASSEMBLY/

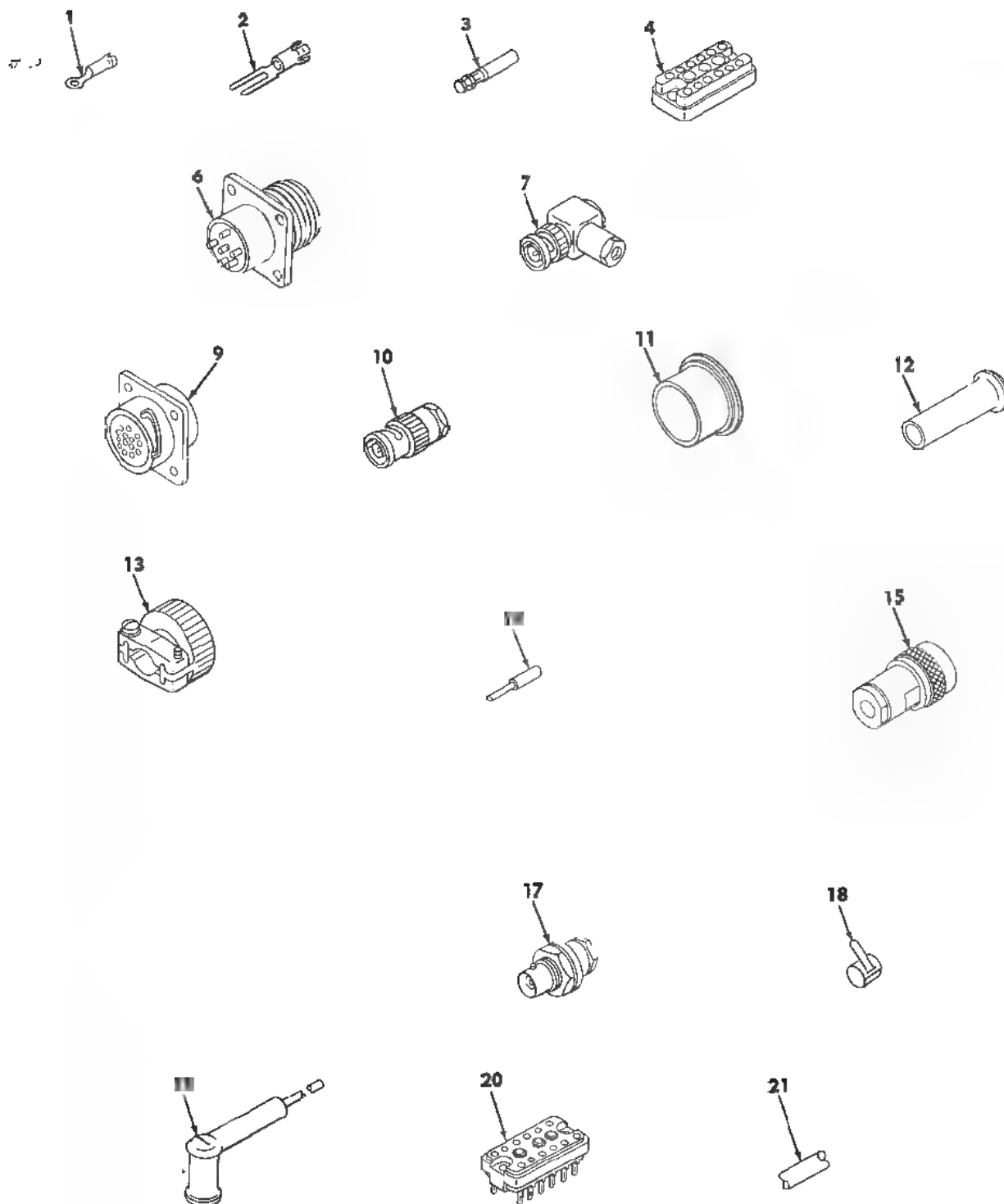




ORD G304920

1	SCREW	MS35191-273	28
2	FASTENER	9003735	14
3	STRAP	8511503	2
4	NUT	9002995	28
5	STRAP	8173880	2
6	STRAP	8518063	1

FIGURE 277. CASE ASSEMBLY /8511203/-EXPLODED VIEW  
/SEE FIGURE 275 FOR NEXT HIGHER ASSEMBLY/



MS 304925A

FIGURE 278. WIRING HARNESSES—GROUP VIEW  
/SEE PAGES 264 THRU 268 FOR ITEM NUMBER AND QUANTITY PER HARNESS/

1A	TERMINAL	MS20659-101.....	10B	CONNECTOR	M39012-16-0002.....
1B	TERMINAL	10051366-12.....	10C	CONNECTOR	UG932AU.....
1C	TERMINAL	8177343.....	11A	COVER	MS90376-44R.....
1D	TERMINAL	MS20659-102.....	11B	COVER	MS25178-36.....
1E	TERMINAL	MS25036-10R.....	11C	CAP	FC28.....
1F	TERMINAL	MS20659-126.....	11D	COVER	MS25178-24.....
1G	TERMINAL	MS20659-5.....	11E	CAP	MS25178-10.....
1H	TERMINAL	MS20659-7.....	11F	PLUG	MS25178-18.....
1J	TERMINAL	MS20659-125.....	11G	COVER	8531311.....
1K	TERMINAL	MS20659-165.....	12A	BUSHING	MS39056-4.....
2A	TERMINAL	8519667.....	12B	BUSHING	MS3420-6.....
2B	TERMINAL	8515925.....	12C	BUSHING	MS3420-4.....
2C	TERMINAL	9137184.....	12D	BUSHING	MS39056-5.....
2D	TERMINAL	9000933.....	12E	BUSHING	MS3420-12.....
2E	TERMINAL	8531285.....	12F	BUSHING	MS3420-16.....
2F	TERMINAL	7612909.....	12G	BUSHING	MS3420-20.....
3A	CONTACT	9150430.....	12H	BUSHING	MS3420-24.....
3B	CONTACT	9150431.....	12J	BUSHING	MS3420-28.....
3C	CONTACT	9150433.....	12K	BUSHING	MS3420-32.....
3D	CONTACT	9150434.....	13A	CLAMP	MS3057-8A.....
3E	CONTACT	9150429.....	13B	CLAMP	MS3057-6A.....
3F	CONTACT	9150432.....	13C	ADAPTER	MS3057-20A.....
4A	BODY CONNECTOR	9150422.....	13D	CLAMP	MS3057-4A.....
5A	CONNECTOR	7598934.....	13E	ADAPTER	MS3057-16A.....
6A	CONNECTOR	9157940.....	13F	CLAMP	MS3057-32A.....
6B	CONNECTOR	9003922.....	14A	PLUG	8177158.....
6C	CONNECTOR	9003417.....	15A	CONNECTOR	M39012-01-0002.....
6D	CONNECTOR	9003416.....	15B	CONNECTOR	UG-421-BU.....
6E	CONNECTOR	9003415.....	16A	CONNECTOR	MS3108B28-12SC.....
6F	CONNECTOR	9003414.....	16B	CONNECTOR	9157543.....
6G	CONNECTOR	9003408.....	16C	CONNECTOR	9003401.....
6H	CONNECTOR	9003906.....	17A	CONNECTOR	7595662.....
6J	CONNECTOR	9003898.....	18A	PLATE	7607791.....
6K	CONNECTOR	MS3102R32-13SW.....	18B	PLATE	7607792.....
6L	CONNECTOR	MS3102R28-11PW.....	18C	PLATE	7607794.....
7A	CONNECTOR	7602015.....	18D	PLATE	7607795.....
7B	CONNECTOR	9007540.....	18E	PLATE	7607812.....
8A	CONNECTOR	8591567.....	18F	PLATE	7607790.....
8B	CONNECTOR	9007194.....	18G	PLATE	7607793.....
8C	CONNECTOR	MS3106R32-13S.....	18H	PLATE	7607796.....
8D	CONNECTOR	9003383.....	18J	PLATE	7607804.....
8E	CONNECTOR	9003386.....	19A	LEAD	8158003.....
8F	CONNECTOR	9003387.....	20A	CONNECTOR	7599367.....
8G	CONNECTOR	9157813.....	21A	CABLE	RG223U.....
8H	CONNECTOR	9157184-2.....	21B	CABLE	RG59BU.....
8J	CONNECTOR	MS3106A16S15C.....	21C	CABLE	RG58CU.....
8K	CONNECTOR	AN3106A44-1SC.....	21D	CABLE	9007563.....
8L	CONNECTOR	9003399.....	21E	CABLE	3595.....
8M	CONNECTOR	9003400.....	21F	FERRULE	MS21981-149.....
8N	CONNECTOR	9003385.....	21G	CABLE	9010254.....
8P	CONNECTOR	9003381.....	21H	CABLE ASSEMBLY	9003250.....
9A	CONNECTOR	9000682.....			
10A	CONNECTOR	MS35168-88F.....			

FIGURE 278. WIRING HARNESSSES-CONTINUED

## WIRING HARNESS APPLICATION

[illegible]





## WIRING HARNESS APPLICATION

[illegible]

## WIRING HARNESS APPLICATION

[illegible]



# SECTION IV.

## NUMERICAL INDEX

REFERENCE NO.	FIG. NO.	ITEM NO.
AN100C8	275	20
AN123860	167	3
	202	15
	206	5
	206	35
	209	11
	209	16
AN123868	242	32
AN123874	206	14
AN123919	243	16
AN3106A44-1SC	278	8K
AN363C428	94	24
AN365-1024A	271	7
AN365-420A	276	2
AN500A416-18	197	6
AN500A6 18	34	1
	177	15
	177	28
AN505-8R18	198	2
AN515C6R36	18	17
AN525-10-30	167	11
AN565D820H6	5	3
	158	7
AN6-41A	275	7
AN6227-11	206	30
	209	23
AN6227-13	209	30
AN6227-21	66	12
AN6227-7	249	9
	259	15
	265	12
AN6270-6-14,500	6	26
AN8-10A	2	7

REFERENCE NO.	FIG. NO.	ITEM NO.
AN814-4D	218	3
AN816-6-2D	94	9
AN816-6-6D	196	1
AN911-1D	94	32
AN912-1D	94	33
AN918-1D	94	31
AN932M7	242	29
AN935-3	19	32
	22	21
	61	39
	63	2
	101	4
	101	31
	103	14
	110	24
	114	10
	121	10
	128	1
	129	3
	130	5
	131	17
	132	1
	211	12
	215	2
AN960-10	229	11
AN960-416	174	28
	181	19
	182	22
	243	22
AN960-516	222	23
	227	11
AN960-616	161	4
	226	14
	242	2
	275	11
AN960-8	229	18
	230	29
AN960-816	206	12
AN960C10L	94	6
	140	5
	149	9

REFERENCE NO.	FIG. NO.	ITEM NO.
AN960C10L	169	40
AN960C416	222	12
	233	2
AN960C516L	35	2
	56	2
AN960C616	218	2
A181100	256	14
	263	10
A183444	256	9
A183446	256	12
	263	8
A183447	256	1
A40877A	256	15
	263	11
A91503-1	189	6
BA10154-1	97	13
B173143	256	2
B173148	256	13
	263	9
CA3100AS22-14PF87	11	35
CC21CH050C	101	7
CC21JJ070C	101	41
CC21JJ200J	101	36
CC21JJ270G	101	37
CK21AX101K	117	15
CM04FA331FP3	20	39
CM15CD200JP3	151	11
CM15CD240J03	106	2
	107	22
CM15ED470G03	101	15
CM15FD101G03	101	16

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REFERENCE NO.	FIG. NO.	ITEM NO.
CM15FD271GP3	107	8
CM15FD301G03	106	9
CM15FD361G03	107	25
CM15FD511G03	104 117 123	13 8 14
CM15FD750G03	107	12
CM15FD820GP3	107	21
CM35FC103GP3	101 104	17 24
CM35FC103G03	23	10
CM45BK431G03	19	14
CM45B132JN3	18	16
CM45B201JN3	19	15
CM50B6103G03	16 84 137	14 16 15
CM50BK272G03	18	18
CP05A1KE224K3	104	15
CP072SB3	12	12
CP072SD5	139	22
CP09A1KB224K3	104 104 106 107	7 25 5 36
CP09A1KE333K3	101	14
CP09A1KF103K3	124	22
CP09A1KF274K3	101	22
CP10A1KF474K3	124	23
CP11A3KB334K3	131	27
CP12A1KF154K3	84	3
CP12A3KG103K3	88 138	12 3
CP41B1EH105K1	229	1
CP53B1EB405K1	268	27
CP53B1EF504K1	24 175 227	3 9 18
CP53B1EG105K1	84	47
CP53B1EG504K1	139	8
CP53B2EG504K1	86	4
CP53B4EF105V1	24	4
CP53B4EG104V1	24	6
CP54B1EF504K1	78	4
CP54B1FB104K1	16	26

REFERENCE NO.	FIG. NO.	ITEM NO.
CP55B1EC205K1	97	6
CP55B1EF105K1	97	5
CP55B2EG105K1	90	24
CP69B4EF104V1	14	13
CP69B4EF254V1	14	26
CP70B1FG104K1	93 139	12 20
CP72E1EL254K1	12	14
CP91B1EF105K1	14 93	29 14
CP91B1EF504K1	109	14
CP91B1FE105K1	239	17
CP91B6EF504V1	14	27
CP91B6FM503V1	109 113	29 20
CQ05A1KF104K3	17	16
CQ72B1EF106K3	231	34
CV11C450	103	6
CV31D350	20	40
CW339U	234	28
CZ24BK103	100	27
CZ24BK224	91	1
CT-20SYRNGD	124	35
CT8758	263	2
EC28	278	11C
E1-9	36 48 50 57	9 2 1 8
FFB575GRADE1TYPE3	4	42
FF592TYPE1STYLE1	17	8
58-3 FHL18G1-2	94	12
FHN26W	176	19
FT01XA02	44	4
FT03-9B01	126	11
F06A250V3A	176	20
GA10967L5	129 132	5 2
GB108X0H	201	13
GGGK00275	76	8
GGGK00275TY1CLA	76	7
5-64 GGGK275TY1CLL1	76	6
1-81N G602992-39	169 169	2 23

REFERENCE NO.	FIG. NO.	ITEM NO.
H129998	191	7
H29292	55	1
JAN1N23NE	140	27
JAN1N250B	239	27
JAN1N485B	98 157	19 9
JAN1N54JM	98 112	22 9
JAN1N647	16 20 263	22 47 8
JAN1N750A	20	23
JAN1N914	20	6
JAN2N2219A	20	1
JAN2N2222A	20	18
KL1XONSJA-917	191	4
K18582A	191	9
K1B584	191	1
ME001003-00001A	17	9
MIL819257TYCCL1	206	13
SIZE 2 MILE1-295	145	6
MIL1T55164-38TB12	174	20
MIL1T55164-2-38TB4	78 251	19 24
MIL1T55164TY38TB5	28	17
MS122200	204	9
MS15001-4	227	9
MS15003-1	243	5
MS15005-1	248	15
MS15569-1	271 272	14 10
MS15571-1	209	14 3
MS15795-803	121 158	23 10
MS15795-805	20	27
MS15795-806	13 14 14 16 16 17 18 19 21 22 23 77 96 97	11 16 24 13 35 15 3 13 13 8 8 6 20 16

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TM 9-1430-250-24P-22-2

REFERENCE NO.	FIG. NO.	ITEM NO.
MS15795-806	99 140 142 143 153 157	1 10 23 24 7 14
MS15795-807	13 15 17 19 19 96 97	37 8 3 3 30 25 21
MS15795-808	12 13 16 17	4 5 3 32
MS15795-810	13	26
MS15795-814	144	7
MS15795-908	90	5
MS16562-641	155	6
MS16562-190	84 85 88 138 159 160 212 216	45 11 14 8 17 14 3 1
MS16562-191	66 158 159	9 21 43
MS16562-192	160	6
MS16562-193	158 206 209 224 224 255 269	16 32 25 19 40 8 6
MS16562-194	30	27
MS16562-197	224 224 255 269	16 36 2 11
MS16562-199	211 212 215 216	19 6 22 6
MS16562-201	211 215	17 21
MS16562-202	48 50 214	12 26 3
MS16562-203	50 212 216	48 8 8
MS16562-204	36 36 57 57	12 31 11 30

REFERENCE NO.	FIG. NO.	ITEM NO.
MS16562-205	50 244	27 2
MS16562-206	29	5
MS16562-207	29	11
MS16562-209	50	25
MS16562-210	40	10
MS16562-212	134 244	13 13
MS16562-213	49 139	2 16
MS16562-214	187	11
MS16562-215	243	12
MS16562-216	167 202	12 12
MS16562-217	180	22
MS16562-223	227 253 254	4 8 9
MS16562-224	167 169 187	37 18 1
MS16562-225	32 53	4 4
MS16562-227	179	20
MS16562-23	161	8
MS16562-232	33 33 54 54	11 15 12 16
MS16562-234	194	24
MS16562-236	75	13
MS16562-238	164	4
MS16562-245	3	11
MS16562-250	233	35
MS16562-251	203	1
MS16562-252	6 197	23 18
MS16562-255	224 269	41 2
MS16562-257	243	1
MS16562-258	193	7
MS16624-1018	62 65 83 184 211 215	9 8 5 3 15 5
MS16624-1025	48 193	1 18
MS16624-1028	56	35

REFERENCE NO.	FIG. NO.	ITEM NO.
MS16624-1028	242	24
MS16624-1031	29 35 56	2 + 3
MS16624-1037	82 178 193 194 198 249 259 265	3 12 2 37 7 21 11 20
MS16624-1040	173 225	9 13
MS16624-1043	48 50 190	7 21 1
MS16624-1046	246 247	1 24
MS16624-1050	3 124 247	24 14 16
MS16624-1059	199	12
MS16624-1062	34 55 200	14 24 6
MS16624-1067	201	18
MS16624-1068	195	32
MS16624-1075	3	26
MS16624-1087	242	30
MS16624-1118	199 247	6 23
MS16624-1137	32 53	20 9
MS16624-1156	32 53 247	5 3 4
MS16624-18	83 185	3 9
MS16624-2078	226	1
MS16624-4025	89 158 160 206 209	1 18 7 21 28
MS16624-4031	49	10
MS16625-1062	50	3
MS16625-1112	33 54 247	7 8 25
MS16625-1162	32 53	21 21
MS16625-1206	201	19
MS16625-4062	211	23

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REFERENCE NO.	FIG. NO.	ITEM NO.
MS16625-4062	214 215 218	5 18 8
MS16625-4112	+1	3
MS16625-4185	42	6
MS16625-4206	+1	19
MS16626-2050	33 54 212	4 6 1
MS16628-1025	50	16
MS16628-2031	250 258 264	17 11 17
MS16629-1050	216	3
MS16632-1025	211 214 215	21 4 17
MS16633-4012	146	2
MS16997-100	4 6 161 170 224	4 20 6 19 24
MS16997-101	161 177 154 197 204 242	17 20 3 14 5 4
MS16997-102	226	12
MS16997-103	197	1
MS16997-122	233	19
MS16997-13	211 215	1 10
MS16997-146	204	10
MS16997-149	204	22
MS16997-18	62 70 129 131	26 13 12 9
MS16997-19	66 89 110 154	19 7 12 13
MS16997-20	45 67 72 86 142 143 153	16 6 13 19 22 23 5
MS16997-22	141 142 143	4 2 6
MS16997-23	155 211 215	5 5 11

REFERENCE NO.	FIG. NO.	ITEM NO.
MS16997-31	38 58 61 70 119 170	6 8 33 12 14 9
MS16997-32	37 58 65 66 84 85 140 153 246	6 11 10 3 7 17 22 1 5
MS16997-33	40 60 152 155 199	25 7 1 2 14
MS16997-34	119	13
MS16997-35	155	4
MS16997-36	42 142 143 155 155	5 12 10 8 18
MS16997-44	39 60 61 67 68 71 170 247	27 10 28 9 11 8 6 4
MS16997-45	147 153 170 180 200	3 16 14 18 1
MS16997-46	36 49 57 61 65 153 222	7 28 7 30 5 9 9
MS16997-47	47 64 68 223	5 14 30 1
MS16997-49	49 70	7 6
MS16997-49	70	7
MS16997-51	36 57	1 4
MS16997-58	168	5
MS16997-59	223 225 228 243 244	19 7 4 24 10
MS16997-60	65 161	2 18

REFERENCE NO.	FIG. NO.	ITEM NO.
MS16997-60	222 242	1 7
MS16997-61	60 67 165 168 169 173 193 224	15 14 20 26 5 19 5 5
MS16997-62	3 6 69 140 165 222 223 237 242	2 13 14 18 19 11 8 10 17
MS16997-63	173 181 182 223 229 273	27 14 17 24 17 9
MS16997-64	62 162 172	6 20 1
MS16997-69	31 52	8 7
MS16997-79	165 197 198	1 29 32
MS16997-80	74 165 167 173 198 199 222 227 246	1 4 28 34 50 1 25 5 12
MS16997-81	74 156 168 219	22 16 27 14
MS16997-82	166 227	24 12
MS16997-97	169	9
MS16997-99	5	8
MS16998-29	41	6
MS171570	164	13
MS171572	10	2
MS171591	169	17
MS171627	32 53	30 30
MS17795-47	249 259 265	24 9 18
MS17829-6F	275	23

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MS19060-16	118	4
MS19060-19	211	14
	215	4
MS19060-20	275	34
	276	7
	276	26
MS19060-7	39	6
MS19070-041	226	5
MS19083-2	243	21
MS20202KP29B	66	18
MS20426AD4-10	184	19
MS20426B3-4	51	3
	59	14
MS20426B4-7	51	12
	59	12
MS20470A6-8	183	14
MS20470B4-9	183	31
MS20659-101	90	23
	278	1A
MS20659-102	92	12
	278	1D
MS20659-106	83	31
MS20659-125	278	1J
MS20659-126	278	1F
MS20659-165	278	1K
MS20659-5	278	1G
MS20659-7	278	1H
MS20822-40	94	30
MS20822-60	153	8
MS21044N08	185	14
MS21045-08	274	9
MS21081-8	2	14
MS21083N6	216	1
MS21083N8	218	25
MS21208C1-15	165	10
	204	14
MS21208C6-20	204	17
MS21333-68	240	24
MS219190G10	251	25
MS219190G4	158	3
	239	12
	251	16
MS21981-149	278	21F
MS24018-3	135	2
MS24629-35	249	25

REFERENCE NO.	FIG. NO.	ITEM NO.
MS24630-10	2	9
	219	16
	220	16
	221	22
	249	27
MS24630-9	167	4
MS24665-153	127	10
	194	25
	253	11
	254	■
MS24665-191	28	21
	29	18
MS24665-22	46	6
MS24665-281	275	9
MS24665-300	242	18
MS25036-108	13	1
	75	22
	278	1E
MS25043-32D	234	22
MS25068-23	236	6
MS25081-4	114	17
	206	2
	236	11
	254	15
MS25098-22	94	14
MS25100-23	114	18
MS25178-10	61	4
	63	28
	68	4
	69	9
	278	11E
MS25178-18	278	11F
MS25178-24	278	11D
MS25178-36	278	11B
MS25231-1819	94	16
MS25236-323	37	22
	58	25
MS25253-1	89	9
MS25281R11	238	19
MS25281R13	73	5
MS25281R3	38	8
	41	25
	44	19
	58	6
	64	1
	240	15
MS25281R4	30	18
	38	5
	107	34
	240	11
MS25281R9	230	22
MS27183-10	3	3
	4	16
	6	16

REFERENCE NO.	FIG. NO.	ITEM NO.
MS27183-10	27	15
	30	13
	31	6
	35	20
	37	14
	52	5
	56	20
	58	19
	62	4
	83	7
	144	16
	162	14
	163	15
	165	17
	167	34
	168	7
	169	7
	172	3
	173	17
	176	11
	178	15
	179	16
	181	15
	182	18
	183	3
	185	3
	195	12
	202	9
	219	6
	223	7
	224	3
	225	9
	228	6
	230	24
	231	16
	233	5
	234	10
	235	19
	237	12
	238	24
	239	13
	241	12
	244	8
	252	9
	273	1
MS27183-12	29	3
	71	1
	74	3
	165	3
	166	26
	167	26
	168	29
	182	14
	194	8
	194	46
	195	35
	197	27
	198	10
	201	8
	221	31
	244	16
	253	5
	254	7
	270	3
MS27183-14	3	6
	162	11
	168	25
	169	25
	169	33
	169	45
	170	17
	186	4
	193	10
	193	15
	194	5
	195	16



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MS27183-14	197	15
	204	7
	242	12
	275	5
MS27183-15	4	49
	6	22
	161	15
	224	26
MS27183-16	161	27
	183	9
	233	17
MS27183-17	190	5
MS27183-18	2	8
	3	14
	198	36
	221	28
	223	22
	224	52
MS27183-21	119	7
	223	28
MS27183-22	2	19
MS27183-23	222	17
	242	20
MS27183-3	131	18
	255	19
MS27183-4	11	33
	80	5
	84	15
	103	37
	105	19
	107	15
	109	15
	112	3
	113	5
	114	5
	115	4
	120	24
	125	3
	126	22
	128	15
	137	14
	151	4
	198	24
	205	12
	208	15
	211	3
	215	8
	234	3
	239	32
MS27183-5	34	10
	55	18
	125	16
	167	17
	168	16
	170	3
	173	3
	174	2
	175	7
MS27183-6	7	7
	8	4
	40	17
	41	23
	44	17
	62	27
	69	25
	73	4
	80	14
	83	16

REFERENCE NO.	FIG. NO.	ITEM NO.
MS27183-6	88	8
	89	5
	103	3
	107	3
	109	1
	110	5
	113	18
	115	19
	119	23
	120	14
	122	3
	123	7
	124	20
	128	11
	131	3
	134	2
	154	6
	177	13
	177	26
	183	25
	187	5
	188	5
	210	5
	213	5
	218	18
	227	17
	228	20
	230	20
	231	41
	237	3
	239	19
	249	5
	252	4
	258	5
	268	13
MS27183-7	4	4
	11	18
	26	9
	28	3
	29	15
	30	15
	37	8
	38	3
	40	24
	41	16
	45	22
	58	5
	68	33
	74	19
	75	9
	83	27
	87	15
	87	21
	93	5
	100	9
	103	33
	109	21
	113	7
	114	21
	124	32
	155	19
	196	4
	197	25
	198	17
	205	16
	226	19
	228	14
	229	7
	230	14
	231	19
	232	10
	235	1
	236	16
	238	16
	239	11
	240	14
	253	4
	268	3

REFERENCE NO.	FIG. NO.	ITEM NO.
MS27183-7	274	7
MS27183-8	3	21
	4	26
	6	5
	10	12
	27	3
	28	15
	39	23
	44	11
	47	3
	61	26
	63	19
	74	8
	75	7
	81	7
	81	16
	83	37
	84	25
	85	2
	85	27
	87	3
	93	10
	109	11
	113	13
	139	3
	153	11
	165	7
	166	9
	166	14
	167	29
	168	2
	170	8
	171	20
	173	23
	174	15
	176	14
	177	3
	178	6
	179	7
	183	6
	210	9
	213	9
	219	3
	221	3
	222	7
	223	4
	226	9
	229	2
	230	11
	233	13
	235	15
	236	19
	238	4
	239	8
	240	20
	244	18
	268	20
	273	13
MS27183-9	194	32
MS27642-25	66	1
MS28137-8	43	3
MS28784-140	153	4
MS28784-149	153	17
MS29513-016	159	22
MS29513-21	158	24
MS29561-009	39	9
	244	17
	270	4
MS3057-14A	278	13E

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MS3057-20A	278	13C
MS3057-32A	278	13F
MS3057-4A	278	13D
MS3057-6A	96 278	17 13B
MS3057-8A	278	13A
MS3102R16S-12	61	19
MS3102R16S1PM	69	20
MS3102R16S1SM	68	15
MS3102R16S17	63	9
MS3102R20-11PM	278	6L
MS3102R32-13SM	278	6K
MS3195-36	77 198	4 28
MS3106A16S1SC	278	8J
MS3106R12S3P	271	23
MS3106R32-13S	278	8C
MS3108B20-12SC	278	16A
MS3420-12	278	12E
MS3420-16	278	12F
MS3420-20	278	12G
MS3420-24	278	12H
MS3420-28	278	12J
MS3420-32	278	12K
MS3420-4	271 278	22 12C
MS3420-6	96 278	16 12B
MS35059-26	110 204 236 254	15 1 10 5
MS35125-Z	80 92 100 107 117 128 131	20 3 2 32 29 26 25
MS35168-88E	278	10A
MS35190-221	84	29
MS35190-223	90 120	27 26
MS35190-225	41 60 67	10 11 10
MS35190-228	84	17
MS35190-234	5	2

REFERENCE NO.	FIG. NO.	ITEM NO.
MS35190-235	45	5
MS35190-236	94 120 251	8 11 9
MS35190-238	134	11
MS35190-240	197 251	10 4
MS35190-249	251	12
MS35190-250	176 237	18 8
MS35190-251	244 251	4 6
MS35190-252	242	26
MS35190-253	30 79 237	25 5 15
MS35190-254	29	9
MS35190-269	175	6
MS35190-271	203	6
MS35190-272	174 199 200	32 4 15
MS35190-273	210 213 221	13 11 1
MS35190-287	76 223 241	12 30 4
MS35190-288	27	10
MS35190-289	203 226	10 17
MS35190-291	233	7
MS35190-304	167 175	13 12
MS35191-273	277	1
MS35191-322	275	25
MS35198-27	137	3
MS35206-205	135	10
MS35206-212	123 126 136 232	2 25 7 15
MS35206-213	7 84 90 100 101 111 115 125 184 217 224	5 34 18 21 34 6 8 15 17 11 8
MS35206-214	104	2

REFERENCE NO.	FIG. NO.	ITEM NO.
MS35206-214	107 109 110 112 116 117 125 126 135 208 255	38 17 8 1 18 27 1 19 6 11 12
MS35206-215	6 61 63 84 206	30 12 3 26 37
MS35206-216	205	22
MS35206-217	37 44 58 89 115 125 137 234	10 16 9 10 1 8 7 1
MS35206-218	137	13
MS35206-219	74	11
MS35206-221	125	4
MS35206-225	88 218 233	4 19 10
MS35206-226	90 100 110 123 138 139 140 168 237	26 29 30 5 1 6 12 12 1
MS35206-227	62 70 73 78 84 88 89 109 110 113 114 137	23 3 2 6 1 1 13 3 3 17 4 1
MS35206-228	34 35 40 55 86 93 94 120 122 124 231 234 239 239	6 30 15 6 3 8 17 12 1 9 40 27 20 37
MS35206-230	37	18

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REFERENCE NO.	FIG. NO.	ITEM NO.
MS35206-230	38	19
	55	8
	58	22
	61	19
	62	19
	63	29
	64	3
	123	10
	124	19
	183	23
	227	16
	230	19
	231	14
	234	23
MS35206-231	83	18
	223	13
	227	13
	230	17
	234	21
	238	29
MS35206-232	80	12
	115	21
	137	20
	207	14
MS35206-233	86	5
MS35206-234	230	26
MS35206-236	230	6
	238	7
MS35206-237	35	13
	56	17
MS35206-241	24	1
	38	9
	58	27
	114	19
	119	27
	124	31
MS35206-242	4	7
	24	7
	86	18
	184	12
MS35206-243	4	11
	37	16
	38	2
	57	35
	58	1
	79	1
	100	7
	101	18
	120	16
	124	6
	228	11
	231	38
	268	5
MS35206-244	5	6
	74	17
	75	10
	87	9
	223	17
	229	27
	236	14
MS35206-245	239	25
	6	10
	32	24
	53	24
	60	1
	61	22
	63	13
	84	5

REFERENCE NO.	FIG. NO.	ITEM NO.
MS35206-245	87	17
	197	20
	225	18
	226	21
	228	16
	229	9
	230	16
	231	21
	232	13
	238	14
	239	10
	240	12
MS35206-246	36	19
	57	20
	139	17
MS35206-247	4	18
MS35206-249	87	20
MS35206-251	232	26
MS35206-256	93	7
MS35206-260	75	4
MS35206-261	81	19
	86	22
	87	1
	198	60
MS35206-262	239	6
	74	7
	85	5
	166	18
MS35206-263	231	8
	63	21
	73	13
	75	6
MS35206-264	83	19
	166	16
	168	4
	198	51
	232	5
	236	18
	238	2
	31	4
	52	1
	56	31
MS35206-265	74	27
	206	4
	209	10
	219	8
	229	4
	233	11
	235	17
	236	21
	239	23
	240	18
MS35206-267	87	12
	226	8
MS35206-269	4	25
	166	28
MS35206-270	84	23
MS35206-277	140	7
MS35206-280	202	10
MS35206-280	79	6
	119	4
	165	5
	178	18

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MS35206-280	179	18
	238	26
	239	15
MS35206-281	4	37
	85	31
	163	17
	241	10
MS35206-282	83	11
	182	21
	231	4
	234	13
	235	22
MS35206-283	37	12
	58	17
	83	2
	181	18
	219	4
MS35206-285	233	4
	234	12
	235	21
	181	20
MS35206-287	84	19
MS35206-298	221	10
MS35207-218	120	8
MS35207-260	202	5
MS35207-264	153	15
MS35207-265	165	13
	166	11
	120	10
MS35214-11	120	10
MS35229-74	90	15
MS35249-9	136	5
	136	14
MS35265-12	128	17
	135	18
	151	2
	167	40
	206	10
	214	11
	11	26
MS35265-13	46	13
	105	21
	107	27
	131	24
	137	10
	151	24
	174	4
MS35265-14	217	1
	205	14
	208	13
MS35265-15	11	32
	68	21
	69	15
	112	6
	116	9
	192	1
MS35265-16	141	9
MS35265-18	103	4
	141	8
MS35265-26	44	1

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MS35265-26	131 217 249 258	16 17 3 7
MS35265-27	8 45 78 92 106 107 207 208 209 210 213 214 228	2 14 2 4 15 23 9 3 31 3 3 7 19
MS35265-28	11 41 44 95 107	31 22 18 10 1
MS35265-29	183 207 208 210	33 2 4 10
MS35265-30	8 68 69 92 174 175 231	8 34 2 8 6 8 13
MS35265-31	28 167	9 15
MS35265-32	174 175	17 5
MS35265-33	107	35
MS35265-34	183	32
MS35265-35	95 119 168 188	8 21 20 1
MS35265-36	78 196	17 9
MS35265-41	78	10
MS35265-42	176	4
MS35265-43	37 58 205 243 270	2 13 15 7 7
MS35265-44	44 198 253	14 26 2
MS35265-45	28 30 41 45 67 68 69 139 163	1 14 14 20 3 20 10 4 25

REFERENCE NO.	FIG. NO.	ITEM NO.
MS35265-45	171 176 194 205	6 8 15 7
MS35265-46	11 26 29 171 196 197 198	20 20 1 2 2 33 19
MS35265-47	26 28 198	6 8 43
MS35265-48	119 139	17 13
MS35265-49	274	3
MS35265-60	75 81 87 226 235	26 2 7 24 3
MS35265-61	11 177	23 16
MS35265-62	171 194	19 23
MS35265-63	6 39 94 171 173 174 176 177 178 179 180 230 250 258 264	6 21 27 7 21 17 20 1 4 9 4 34 10 14 15
MS35265-64	10 28 173 174 176 177 178 179 180 230 250 258 264	10 24 32 13 12 1 4 9 4 34 10 14 15
MS35265-65	27 44 82 210 213 271	18 13 2 14 12 5
MS35265-67	27 42 85 166 194	1 10 29 12 30
MS35265-79	174 183	26 1
MS35265-80	27	11
MS35265-81	162 176 178 195	17 9 13 10

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MS35265-82	39 231	12 3
MS35265-83	167	36
MS35266-65	30	6
MS35266-67	273	11
MS35275-217	209	2
MS35276-202	124	2
MS35276-261	271 272	15 11
MS35291-32	194 195 198	44 36 12
MS35297-59	169	31
MS35301-60	195	18
MS35303-114	223 224	20 61
MS35307-336	156	13
MS35307-360	144	9
MS35307-362	162	9
MS35307-364	163 164	24 8
MS35308-356	275	26
MS35333-110	128 131	27 26
MS35333-121	110 114 206 236 254	16 1 2 13 14
MS35333-39	7 15	10 4
MS35333-40	101	10
MS35335-35	87	5
MS35338-117	151	32
MS35338-121	156	3
MS35338-135	13 16 18 18 21 23 40 91 98 99 121 157 158	21 29 8 10 20 5 8 5 17 6 22 2 1
MS35338-136	12 13 14 14 15 16	8 10 17 23 24 12

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MS35338-136	16	34
	18	2
	19	12
	20	26
	21	12
	22	7
	23	7
	77	3
	96	3
	97	3
	98	10
	248	5
MS35338-137	12	28
	13	29
	14	3
	15	29
	16	24
	17	2
	17	14
	19	2
	19	29
	19	39
	22	4
	24	2
	96	5
	97	19
	99	2
	149	5
	150	5
	157	5
	158	2
	159	2
MS35338-138	12	2
	13	18
	14	6
	15	2
	16	2
	17	31
	21	7
	22	2
	96	10
	98	16
	149	8
	169	42
MS35338-139	13	25
	14	20
	156	8
	157	12
MS35338-39	124	3
	126	17
	128	24
	129	27
	151	12
MS35338-40	6	29
	7	6
	11	25
	25	2
	41	21
	44	7
	45	18
	46	12
	61	13
	63	4
	68	22
	69	16
	80	6
	84	14
	84	27
	84	33
	88	7
	90	19
	100	32
	101	35
	103	36

REFERENCE NO.	FIG. NO.	ITEM NO.
MS35338-40	104	3
	125	20
	107	11
	109	16
	110	7
	111	5
	112	2
	113	4
	115	5
	116	1
	117	11
	120	23
	123	1
	124	29
	125	2
	126	21
	128	16
	131	23
	132	3
	135	8
MS35338-41	136	8
	137	8
	141	2
	151	3
	151	23
	174	3
	184	18
	192	2
	198	48
	205	13
	206	9
	208	14
	209	4
	211	2
	217	2
	224	9
	232	16
	234	2
	239	33
	255	11
MS35338-41	7	8
	8	3
	11	30
	28	11
	34	2
	35	14
	37	19
	38	7
	40	16
	41	24
	44	2
	45	13
	50	12
	55	2
	56	16
MS35338-42	58	23
	61	41
	62	17
	63	30
	64	2
	66	20
	68	37
	69	3
	70	2
	73	3
	78	1
	80	13
	83	17
	84	2
	86	1
MS35338-42	88	5
	89	6
	90	25
	92	5
	93	9
	95	9
	103	2
	106	16

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MS35338-41	107	2
	109	2
	110	4
	113	19
	114	3
	115	20
	116	4
	119	22
	120	13
	122	2
	123	6
	124	10
	125	17
	128	10
	129	13
	131	2
	137	12
	138	2
	139	7
MS35338-42	140	11
	141	6
	142	4
	143	5
	153	■
	154	7
	155	9
	167	16
	168	11
	168	19
	170	2
	173	2
	174	5
	174	18
	175	4
	177	14
	177	27
	183	26
	187	4
	188	4
MS35338-42	196	10
	208	8
	209	32
	210	4
	211	6
	213	4
	214	8
	215	12
	217	16
	223	12
MS35338-42	227	14
	228	18
	230	5
	231	12
	231	39
	233	9
	237	2
	238	8
	239	21
	239	36
MS35338-42	249	4
	251	20
	258	6
	268	14
	4	5
	5	5
	6	9
	11	19
	15	21
MS35338-42	21	17
	26	1
	28	2
	29	16
	30	16
	32	23
	36	18
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	53	23
	57	19
	58	2
	58	14
	60	2
	61	24
	63	14
	65	9
	67	2
	68	28
	69	11
	70	11
	72	14
	74	18
	75	11
	76	10
	78	11
	79	2
	81	12
	82	10
	83	28
	84	4
	85	18
	86	17
	87	10
	87	16
	91	4
	93	6
	100	8
	101	19
	103	32
	109	20
	113	8
	114	20
	119	3
	120	17
	121	6
	124	7
	135	5
	139	5
	140	2
	144	5
	152	2
	153	2
	155	14
	155	17
	163	26
	170	10
	174	10
	176	3
	184	11
	194	14
	196	3
	198	4
	198	18
	198	27
	199	15
	205	6
	223	16
	225	19
	226	20
	228	15
	229	8
	230	15
	231	18
	232	11
	235	16
	236	15
	238	15
	239	24
	240	13
	243	8
	246	6
	251	17
	253	3

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	270	8
MS35338-43	3	22
	4	24
	6	7
	10	11
	11	24
	26	13
	27	2
	28	14
	30	5
	31	3
	36	2
	39	22
	42	11
	44	12
	45	8
	47	4
	49	8
	52	2
	56	32
	57	3
	60	9
	61	27
	62	15
	63	20
	64	15
	65	4
	67	8
	68	10
	70	5
	71	7
	73	12
	74	9
	75	3
	81	3
	81	18
	82	1
	83	20
	84	24
	85	3
	85	28
	86	8
	87	2
	90	6
	94	7
	109	10
	113	14
	127	2
	139	2
	140	6
	147	2
	153	10
	165	6
	166	10
	166	15
	167	30
	168	3
	170	7
	171	8
	173	22
	174	14
	176	13
	177	2
	178	5
	179	8
	179	22
	180	5
	194	22
	194	31
	198	53
	200	2
	202	4
	210	8
	213	8
	219	2
	221	4
	222	8

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	226	7
	229	3
	230	12
	230	33
	231	33
	232	6
	233	12
	235	2
	236	20
	238	3
	239	3
	239	7
	240	19
	244	19
	247	2
	250	11
	258	13
	264	14
	268	21
	273	12
	274	17
MS35338-44	3	7
	4	13
	6	14
	27	13
	30	21
	31	7
	35	19
	37	13
	52	6
	56	19
	58	18
	60	16
	62	5
	65	1
	67	15
	69	13
	70	8
	72	10
	79	7
	83	8
	84	20
	85	6
	119	8
	144	15
	161	19
	162	18
	163	14
	165	18
	167	35
	168	6
	169	6
	172	2
	173	18
	174	27
	176	10
	178	14
	179	17
	181	17
	182	20
	183	2
	185	2
	193	6
	195	11
	197	5
	197	21
	219	5
	222	2
	223	9
	224	4
	225	8
	228	5
	229	16
	231	5
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	237	11	MS35338-51	222	18		28	12
	238	25		242	21		61	42
	239	14					68	38
	241	11	MS35338-56	170	11		86	2
	242	16		171	4		109	23
	243	23		174	9		113	21
	244	9		176	7		116	3
	252	8					122	16
	273	10					154	8
MS35338-45	35	33	MS35338-97	126	9		155	10
	56	39	MS35340-40	268	11		173	1
	64	5					183	27
	71	2	MS35425-39	219	7		188	3
	74	2					208	9
	165	25	MS35430-4	138	6		251	21
	166	25					268	15
	167	27	MS35431-1	131	22	MS35649-264	14	18
	168	28		132	8		14	22
	173	35	MS35431-3	14	25		15	23
	182	15					20	28
	194	9	MS35431-8	12	16		35	10
	194	45		15	3		35	27
	195	8	MS35495-9	271	10		56	8
	197	28					97	7
	198	11	MS35649-202	3	23		157	20
	199	2		7	11	MS35649-282	4	3
	201	7		28	13		26	11
	219	12		65	15		28	5
	220	6		81	15		29	17
	220	19		84	42		30	22
	221	7		86	7		61	25
	221	32		109	9		68	29
	222	24		113	15		81	13
	227	6		210	7		101	20
	229	23		213	7		103	31
MS35338-46	246	13		219	1		109	19
	270	2		221	5		113	9
	4	48		223	6		155	11
	5	7		230	13		155	16
	6	21		274	18		174	11
	144	8	MS35649-204	12	13		176	6
	161	5		14	5		198	5
	162	10		15	13		212	12
	163	23		16	1		216	12
	164	9		21	24		231	23
	168	24		22	1		232	12
	169	10	MS35649-242	6	28		238	17
	169	26		11	34		251	18
	169	44		46	16		268	18
	186	3		61	14	MS35649-284	13	30
	193	9		62	16		14	2
	194	4		68	23		16	25
	194	42		84	13		17	1
	195	17		100	33		19	10
	197	2		101	40		22	3
	198	34		103	35		97	18
	200	10		107	10	MS35650-302	139	1
	204	6		115	22		268	22
	224	25	MS35649-244	116	10	MS35650-304	12	21
	226	13		117	28			
	240	4		120	22	MS35690-42	141	1
	242	3		125	6			
	246	9		126	20	MS35691-21	43	9
	247	8		132	4		200	9
MS35338-47	161	26		151	22	MS35691-33	224	54
	183	10		198	49			
	190	6				MS35842-11	78	7
	233	18						
MS35338-48	198	37				MS35842-13	84	9
	204	11						
	221	29				MS39056-4	278	124
	223	21						
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MS51023-50	206	34
	209	27
MS51049-40	195	20
MS51049-8	32	12
	53	15
MS51079-1	55	13
MS51922-33	2	18
MS51957-29	21	11
	22	6
	23	6
MS51957-63	12	3
	15	26
	96	11
	197	11
MS51957-64	16	45
	17	30
	96	9
MS51957-81	185	6
MS51958-59	15	1
MS51959-5	154	11
MS51963-21	50	5
	63	18
	64	9
	71	12
	74	15
	119	5
	137	19
MS51963-22	119	6
MS51963-33	53	11
MS51963-34	11	14
	32	17
	35	29
	36	30
	53	10
	56	21
	57	29
	84	38
	85	8
	85	33
	119	25
	139	18
	195	6
MS51963-36	11	2
MS51963-37	11	6
MS51963-47	49	12
MS51963-48	32	31
	53	31
MS51964-48	33	1
	54	2
	194	19
MS51966-65	151	20

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MS51966-66	151	25
MS51967-14	221	30
	224	55
	274	20
MS51967-2	3	25
	4	12
	6	17
	27	16
	30	20
	83	9
	119	9
	144	17
	162	12
	163	16
	181	16
	182	19
	183	34
	252	7
	273	14
MS51967-20	162	23
MS51967-5	64	4
	71	3
	72	11
	156	2
	165	15
	219	11
	220	12
	220	18
	221	6
	221	18
MS51967-8	87	8
	161	14
	169	27
	186	2
	221	25
	224	45
	240	5
	246	14
MS51968-2	27	12
	83	30
	239	29
MS51971-1	14	21
MS51971-2	219	26
	220	14
	221	19
MS51971-3	219	24
	220	24
	221	24
MS51977-19	32	13
	53	16
MS51981-17	214	1
MS51981-19	40	1
MS51981-71	195	21
MS51981-9	211	8
	212	4
	215	15
	216	4
MS6227854	197	36
MS63040-8	274	13
MS90120-2601	105	23
	106	14
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MS90120-2601	251	8
MS90376-44R	278	11A
MS90725-113	2	15
MS90725-34	198	33
	229	24
MS90725-37	220	8
	220	30
MS90725-60	193	8
MS90725-62	3	8
	246	10
MS90725-64	173	37
	247	12
MS90725-68	247	7
MS90725-70	169	43
MS90725-8	273	2
MS90725-89	161	25
MS90728-11	221	20
MS90728-110	198	38
	224	60
MS90728-35	220	9
	229	26
MS90728-36	195	7
	220	10
	220	21
	221	21
MS90728-39	220	5
	220	29
MS90728-67	224	50
	240	1
MS91528-1N18	103	22
MS9320-04	107	28
	115	23
MS9390-20	242	5
MS9390-70	204	8
MS9461-04	206	27
	209	20
M12883-02-01	117	26
M12883-08-01	109	24
M24251-4-2	13	23
M24251-5-5	13	19
M24251-6-1	100	4
	117	25
M24251-6-4	100	17
	104	1
	117	20
	128	5
	130	1
M24251-6-5	21	9



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M39006-09-6552	157	23
M39012-01-0002	278	15A
M39012-16-0002	278	108
M39012-19-0001	62	2
M39012-20-0001	61	7
M39012-21-0001	16	39
	16	40
	80	21
	92	10
	100	3
	107	30
	117	19
	128	6
	131	5
	151	28
M39014-02-1350	20	10
M39024-10-01	254	12
M39024-10-02	80	18
	91	9
	113	26
M39024-10-03	91	8
	113	29
	254	13
M8805-1-013	230	27
M8805-1-024	16	36
	187	6
M8805-2-002	135	12
NAS1397K11N	75	12
NAS1397K12N	73	10
	238	21
	240	28
NAS1397K16N	238	18
NAS1397K2N	4	19
	28	4
	30	26
	44	21
NAS1397K3N	19	22
	19	26
	37	17
	62	18
	63	32
	268	2
NAS1397K4N	19	28
	74	26
NAS1397K5N	19	34
	30	17
	34	11
	38	20
	58	38
	74	25
	97	20
	99	11

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NAS1397K5N	120	15
	124	33
	240	16
NAS1397K6N	4	28
	19	4
	19	35
	19	38
	38	18
	58	36
	124	21
	231	22
	238	20
NAS1397K7N	97	22
NAS1397K8N	4	27
	87	18
	229	6
NAS1397K9N	73	8
	99	3
NAS1397P10N	17	17
	231	24
	238	28
	240	26
NAS1397P2B	74	21
NAS1397P6N	73	7
	75	25
NAS1397R5	74	20
	268	17
NAS1397R7	55	19
	58	37
	68	32
	73	9
	74	10
	228	13
	231	25
	238	22
	268	23
NAS561C3-11	190	8
NAS561C4-24	241	20
NAS561C6-32	242	34
NAS561C8-22	224	11
	255	15
NL422W01-004	109	28
	110	31
	131	12
NL422W01-006	129	17
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	97	15
NL522W14-020	139	12
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RCR07G181JS	20	35
RCRC7G2R7JS	20	31
RCR07G221JS	102	38
RCR07G222JS	20	21
RCR07G223JS	20	20
RCR07G271JS	20	37
RCR07G272JS	20	41
RCR07G330JS	20	22
	129	18
	133	16
RCR07G331JS	20	43
RCR07G392JS	20	33
RCR07G681JS	20	42
RCR20G100JS	17	11
	120	20
	133	8
RCR20G101JS	102	16
	129	7
	133	9
RCR20G102JS	117	17
	231	36
RCR20G103JS	102	12
	111	10
RCR20G104JS	102	35
	104	21
	268	26
RCR20G105JS	102	9
RCR20G106JS	111	15
	115	11
RCR20G124JS	102	20
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RCR20G185JS	102	15
RCR20G202JS	133	12
RCR20G203JS	117	7
RCR20G205JS	102	17
RCR20G221JS	117	2
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RCR20G332JS	117	14
RCR20G335JS	117	16
RCR20G391JS	17 133	18 10
RCR20G470JS	17 23 117	23 16 12
RCR20G472JS	20 104	7 16
RCR20G473JS	17 102 115 115	21 13 14 16
RCR20G474JS	102	14
RCR20G510JS	133	7
RCR20G511JS	105 117	2 9
RCR20G512JS	102 111	3 3
RCR20G513JS	104	22
RCR20G514JS	104	30
RCR20G515JS	117	13
RCR20G561JS	117	3
RCR20G562JS	20	3
RCR20G564JS	102	10
RCR20G681JS	104	28
RCR20G684JS	102	28
RCR20G750JS	17 17 20 80 133	22 34 12 11 11
RCR20G751JS	17	19
RCR20G821JS	102	4
RCR20G913JS	104	19
RCR32G102JS	17 80	12 9
RCR32G106JS	123	13
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RCR42G273JS	105 111	4 1
RCR42G333JS	23	14
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RCR42G622JS	115	30
RCR42G753JS	115	29
RC32GF203J	102	18
RC32GF621J	80	10
RC32GF751J	115	13
RC42GF130J	17	10
RC42GF133J	115	26
RC42GF222J	17	26
RC42GF243J	134 104 134 111	9 18 27 2
RC42GF272J	23	17
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RC42GF470J	17	29
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RN65D1471F	251	5
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10033264-2	6	4
10034373	122	8
10034407-5	16	46
10044412	13	8
10044473	168	17
10051366-12	278	18
100910	101	13
10167289	66	14
10167414	95	3
10167415	95	4
10167416	95	5
10167417	95	2
10167418	95	6
10167433	84	10
10167483	166	20
10167487	225	10
10167519	166	27
10167572	166	30
10167633	169	34
10167687	169	39
10167688	169	35
10167689	169	36
10167690	169	37
10168072	12 16	9 7
10184696	26	8
10184764	4	35
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10185233	2	2
10185314	161	7
10185496	76	1
10185497	158	14
10185498	159	5
10185499	159	4
10185500	159	11
10186638	159	21
10186639	159	19
10307889	21 100 117 128 130	5 19 22 3 3
10596841-1	218	4
10658232	22	11
10658232-2	22 23	16 24
10658232-3	22 23	12 23
10658232-4	23	20
10658241	232	3
10658255	233	21
10658278	20	11
10658281	20	13
10658282	20	14
10658330	20	36
10658354	14	9
10658363	20	24
10658371	20	32
10664268	73	6
10665843	273	3
10666105	232	1
10666573	20	29
10666574	20	30
10666990	12	20
10666990-38	20	45
10667208	19	19
10667817-1	20	2
10667817-2	20	19
10667824	14	1
10667863	12	26

REFERENCE NO.	FIG. NO.	ITEM NO.
10667872	118	10
10668019	26	4
10668110	248	13
10668111	248	11
10668112	248	10
10668113	248	9
10668114	248	6
10668115	248	14
10668116	248	2
10668117-1	248	7
10668117-2	248	12
10668118	248	16
10668119	248	3
10668120	226	15
10668151	4	40
10668152	4	36
10668153	12	22
10668153-2	12	24
10668154	12	27
10668224	75	8
10668226	77	1
10668227	96	27
10668231	115	17
11PP373	191	8
11PP398	191	2
110100-1	101 129 133	1 24 4
1120-12	80 92 100 107 117	19 2 1 31 30
11207185-4	211 212 215 216	16 2 6 2
118555	128	7
118848	156	14
119946	212 216	13 13
12AX7WA	21	10
120362	169 170 173 177	32 18 38 19

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REFERENCE NO.	FIG. NO.	ITEM NO.
121814	171	3
121887	144	14
131041	215	9
131266	15	22
131400	207	3
132007	26	2
133573	3	19
133955	206 209	28 21
138909	235	4
141050	136 136	6 15
141106	250 258 264	4 18 10
141160	249 259 265	18 5 21
141163	249 259 265	12 13 9
141244	197	7
145375	243	3
146194-7-251	247	22
156-7159	100 101	31 33
17PX5	189	13
174PX37	189	9
2K45	121	16
2N2905A	20	44
2N3506	20	34
2W1-10-9-20	14 107	12 9
205560-1	11	28
21PX20	189	11
21PX53	189	4
215668	162	21
221123	22 101 101 103 110 114 121 125 126 131	20 30 46 13 23 9 9 9 7 19
221124	211 215	13 1
224953	151	13

REFERENCE NO.	FIG. NO.	ITEM NO.
224962	129	26
224964	134	6
23CX40	173 225	6 17
231022	120	9
25DPX110	189	10
25DPX24	189	3
275646	2	20
2766	159	8
2898	159	9
3595	19 61 63 278	8 36 12 21E
37PX45	189	7
38T810	98 175 227 230 238	13 2 21 2 11
38T815	98	2
38T83	223	10
421387	260 261	11 10
421559	101	3
426881	120	4
428571	2	24
432466	66	15
442656	276	14
443874	167	31
445887	32	9
446188	89	11
446230	3	16
452600	38 58	14 32
452606	156	1
452616	38 58	13 31
4773L05X3E	42	8
49237-65	247	26
502098	241	19
502976	49	22
5032820	272	4
5033904	272	3
5033911	272	16

REFERENCE NO.	FIG. NO.	ITEM NO.
5036234	272	19
5037820	272	7
5037821	272	5
503825	56	27
503880	272	12
5039125	167 206 271 272	24 20 9 14
5048618	271	23
5049890	272	18
5100-12	7	15
5183444	257 260 261 262 263	6 7 6 5 5
5183447	257 260 261 262 263	1 1 1 1 1
5183448	260 261	9 8
5183450	260 261	12 11
540880	272	13
5420-12361	26	7
544087	36 56 57 154	5 34 5 5
544113	205	8
544119	36 57	6 6
544122	81	1
544125	47 155	1 15
544171	201	10
544174	34 55	15 25
546895	198	57
5502713	272	2
5517	109	5
5544414	272	15
5578538	261	2
5578609	260	2
5578758	257	2
5654W	100	5

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REFERENCE NO.	FIG. NO.	ITEM NO.
5670h	100 134 117	18 4 21
5687h8	13	22
5725h	100	20
5726	100 117	16 24
58188-2	35 35 56 56	5 22 10 29
582893	85 87	4 23
583900	128 129 130 132	2 21 4 13
5842	128 130	4 2
585553	252	3
587459	201	6
587467	168 169 170	23 30 23
588150	274	12
588436	181	4
588460	184	6
589591	243	6
589774	243	15
589952	173	40
59-103-200	122	9
593902	50	11
6016301	271 272	13 9
61-0542-1	35 56 64 219 220 220 221 229 275	32 38 11 13 11 20 8 22 24
6129751	272	8
6137648	272	1
6137649	272	17
6163	141	12
6164	140	16
6173143	262	2
6173147	257 262	4 7
6173151	261	9

REFERENCE NO.	FIG. NO.	ITEM NO.
6173153	260 261	8 7
6173325	260	10
6293	13	15
6384	21	2
6544	85	16
694	104 104 104	10 17 29
711206	243	19
712080	226	6
713483	247	17
713532	35 35 56 56	6 23 11 30
714019	194	8
714538	226	4
7206K4	179 192	6 11
7221-2457-0	103	28
7410055	247	21
750550	162	6
7522474	227	15
7579939	271	4
7598002	11 173 225	17 5 20
7598011	22 88 101 103 103 110 114	26 10 23 30 30 14 15
7598013	22 101 103 110 114 121 158	24 28 17 21 13 14 30
7598014	22 88 101 103 110 114 121	18 9 24 11 27 7 7
7598051	22 171 103 110 114 121	19 26 12 20 8 8
7598052	22	17

REFERENCE NO.	FIG. NO.	ITEM NO.
7598053	111	4
7598067	126 128	12 18
7598071	129	22
7598072	126 128	18 23
7598073	126 128	15 22
7598074	126 128	13 20
7598076	126 128	16 19
7598388	22	28
7598090	25	9
7598091	25	5
7598092	25	3
7598107	14	15
7598108	14	14
7598252	11	16
7598315	253 254	9 11
7598341	34 35 55 56	5 17 5 13
7598348	34 35 55 56	3 15 3 15
7598414	36 57	26 27
7598415	36 57	22 23
7598416	51 59	13 8
7598417	51 59	18 11
7598418	51 59	15 7
7598419	173 225	11 15
7598435	36 57	15 16
7598438	36 57	23 24
7598439	36 57 270	17 18 9
7598440	51 59	2 2
7598515	266	6

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REFERENCE NO.	FIG. NO.	ITEM NO.
7598529	51 59	17 10
7598807	101 103 110	25 10 28
7598858	249 259 265	22 8 17
7598914	100	11
7598934	22 101 103 110 114 121 125 131 158 278	23 32 16 26 12 12 7 20 31 54
7598936	8 19 23 102 103 110 113 136 225 228 228 252	6 20 3 22 26 2 1 17 3 10 22 28 10
7598938	23 100	13 24
7598948	19 136 228 228 228	21 16 8 24 27
7598949	23 88 91 101 111 115 117 129 132 232	4 6 6 38 14 7 10 25 5 23
7598953	10 12 100 251 267	6 23 35 14 5
7598954	102	23
7598956	144	6
7599028	39	18
7599045	234	20
7599075	239 268	38 19
7599080	13	14
7599087	41 44	20 6

REFERENCE NO.	FIG. NO.	ITEM NO.
7599087	107 124 157 239 268	39 30 16 34 10
7599091	101	45
7599104	129 131	19 11
7599139	231	11
7599165	234	15
7599240	102	19
7599254	97	9
7599264	18 18 44 80 98 107 113 115 124 157	9 14 8 7 18 14 3 6 28 1
7599268	38 58	22 4
7599276	129 133	8 2
7599288	129 133	6 15
7599367	120 125 278	5 19 20A
7599402	94	22
7599403	116	5
7599435	103 108	5 8
7599442	16	44
7599447	72	2
7599448	140 242	19 8
7599463	209	1
7599546	35 56	16 14
7599567	34 55	4 4
7599575	100	13
7599606	100	30
7599660	102	1
7599662	278	17A
7599666	101	6
7599701	28 223	16 11
7599734	26	19

REFERENCE NO.	FIG. NO.	ITEM NO.
7599735	46	17
7599766	78	3
7599849	116 120	8 29
7599861	266	1
7599929	13	34
7599995	100	15
7600299	100	10
7600305	101	11
7600319	199 247	19 14
7600425	253 254	6 8
7600426	253 254	7 13
7600534	80	17
7600576	134	9
7600590	134	7
7600601	122	10
7600609	122	11
7600700	250 258 264	16 12 16
7601131	34 55 173	9 12 13
7601216	266	5
7601299	100	28
7601338	239	2
7601448	239	4
7601528	66	4
7601537	22 103 110 114 121 132	22 15 25 11 11 14
7601587	108	2
7601637	101	29
7601893	107	33
7601946	170 177 177	4 12 25
7602015	278	7A
7602206	89	8
7602244	111	9
7602353	18	11

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REFERENCE NO.	FIG. NO.	ITEM NO.
7602353	18 98	22 21
7602747	23	2
7602748	114	16
7602772	239	26
7602856	92	9
7602891	97	8
7602999	4 240	20 17
7603157	101	21
7604292	11	13
7604336	129	1
7604342	22	27
7604698	36 57	25 26
7604699	36 57	21 22
7604700	51 59	16 9
7604720	36 57	20 21
7604799	266	7
7604851	266	4
7605333	174	12
7605338	11 174	29 7
7605345	113	16
7605349	38 58	21 39
7605559	27	17
7605564	120	3
7605698	109	8
7605718	101 176	43 22
7605815	234	14
7605818	234	19
7605842	128 133	13 1
7605843	129 133	23 5
7606070	101	9
7606071	101	12
7606105	199	5
7606109	199 247	17 13
7606109-2	199	18

REFERENCE NO.	FIG. NO.	ITEM NO.
7606109-2	247	15
7606111	199 246	16 7
7606114	199 247	9 20
7606490	236	12
7606541	134	8
7606564	122	13
7606678	160	1
7606689	158	29
7607389	238	6
7607395	238	1
7607695	239	1
7607790	278	18F
7607791	61 68 278	8 8 18A
7607792	278	18B
7607793	278	18C
7607794	61 68 171 198 278	9 7 11 52 18C
7607795	61 68 278	10 6 18D
7607796	278	18H
7607804	278	18J
7607812	278	18E
7608131	245	2
7609127	100	22
7609128	100	26
7609376	275	12
7609945	11	1
7610647	93	1
7610941	93	2
7611857	101	5
7611970	100	36
7611994	33 54	5 5
7612002	41	2
7612035	102	21
7612129	42	7
7612137	39	16

REFERENCE NO.	FIG. NO.	ITEM NO.
7612138	39	15
7612139	39	8
7612302	100	34
7612513	131	10
7612516	174	21
7612521	100	12
7612528	14	19
7612533	103 115 251	20 3 10
7612576	100	14
7612710	125	14
7612728	103 109	34 22
7612810	94	25
7612830	27	14
7612883	128	8
7612909	278	2F
7613324	275	6
7613992	126 128	14 21
7614893	101	8
7614894	101	42
7614895	101	39
7615183	266	2
7615435	131	7
7618438	234	16
7618947	234	17
7619728	234	18
7619731	275	14
7619751	232	2
7619814	275	19
7619815	275	21
7620084	94	18
7620086	94	15
7620119	94	29
7620132	94	1
7620133	94	28
7620161	176 237	27 14
7620601	232	24
7622474	78	16

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REFERENCE NO.	FIG. NO.	ITEM NO.
7622474	98 174 175 196 230 238	9 19 3 11 4 9
7622591	223	14
7622598	232 240	4 29
7626935	96	28
7626946	96	4
7632064	235	11
7632065	235	9
7632068	260	3
7632526	234 235	9 8
7632529	235	10
7632541	262	6
7632542	262	4
7632543	260 261	6 5
7632544	260 261 262	4 3 3
7632545	260 261	5 4
7632546	257 262 263	3 8 3
7632547	257	7
7632548	257	5
7632550	257	8
7667346	173 225	14 21
7667347	173 225	15 22
7674818	34 55	8 10
7674821	11	21
7676906	34 55	12 14
7810543	156	4
8000341	110	10
8000368	129 132	2 6
8000369	129 132	20 16
8000508	222	26
8000545	241	9

REFERENCE NO.	FIG. NO.	ITEM NO.
8000558	243	25
8000559	242	28
8000560	243	20
8000561	242	9
8000562	242	31
8000565	242	33
8000566	243	2
8000569	243	27
8000570	243	11
8000576	243	14
8000577	242	1
8000595	222	21
8000605	227	8
8000618	241	7
8000619	270	1
8000620	241	6
8000621	241	8
8000639	243	26
8000668	244	15
8000680	231	10
8000682	238	23
8000683	239	9
8000707	241	5
8000714	192	8
8000715	179 192	4 9
8000716	179 192	5 10
8000724	242	23
8000726	168 170 177 177 187	16 5 11 29 7
8000734	241	15
8000735	241	16
8000736	241	14
8000748	225 228	4 3
8000780	173 229	28 15
8000791	241	3
8000793	244	23
8000794	244	6

REFERENCE NO.	FIG. NO.	ITEM NO.
8000795	244	5
8000798	244	24
8000799	238	35
8000800	238	32
8000805	238	33
8000810	250 258 264	14 9 3
8000813	238	34
8000814	249 259 265	2 2 2
8000815	244	22
8000816	244	1
8000817	244	7
8000821	243	9
8000823	223	3
8000824	223	31
8000825	223	32
8000826	223	29
8000833	237	4
8000834	230	28
8000836	228	21
8000837	249 258	6 4
8000843	228	2
8000844	228	1
8000847	235 236	13 5
8000848	235	14
8000858	244	21
8000862	238	5
8000869	226	16
8000870	242	15
8000881	223	25
8000892	192	3
8000893	192	15
8000896	235	12
8000900	222	15
8000904	234	25
8000905	234	26
8000906	234	24
8000913	242	6



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REFERENCE NO.	FIG. NO.	ITEM NO.
8000921	223	18
8000924	227	2
8000925	227 230	20 21
8000941	222	3
8000943	243	13
8000944	243	4
8000947	244	14
8000948	244	12
8000949	241	18
8000956	241	21
8000957	237	6
8000960	231	6
8000961	231	7
8000964	231	1
8000980	222	20
8000981	200	8
8000982	201	16
8005212	62	22
8005213	62	21
8005252	37 58	20 24
8005253	31 36 49 52 56 57	2 3 9 3 33 2
8005317	143 155	20 3
8005431	50	6
8005432	50	4
8005433	50	7
8005434	50	17
8005443	50	18
8005412	155	13
8005428	122	7
8005942	124	11
8005943	123	11
8005944	134	1
8005945	134	10
8005946	134	4
8005947	134	12
8005951	124	26

REFERENCE NO.	FIG. NO.	ITEM NO.
8005952	124	25
8006030	35 56	4 4
8006038	34 55	13 20
8006039	34 55	18 22
8006040	34 55	16 21
8006041	34 55	17 23
8006055	33 54	13 14
8006056	33 54	9 10
8006058	36 57	35 34
8008104	230 238	7 31
8008241	158	5
8008616	32 53	22 22
8008617	55	9
8008618	35 56	3 1
8008620	35 35 56 56	11 28 9 28
8008621	35 56	34 40
8008622	35 56	36 42
8008623	35 35 56 56	7 24 5 24
8008625	33 54	2 3
8008628	35 56	12 12
8008629	36 57	24 25
8008640	35 56	8 6
8008641	58	26
8008642	59	6
8008643	59	5
8008644	59	4
8008645	34 55	7 7
8008671	59	3

REFERENCE NO.	FIG. NO.	ITEM NO.
8008672	55	16
8008674	55	15
8008706	35 56	18 18
8008708	37 58	9 10
8008709	36 57	16 17
8008711	33 54	6 7
8008712	33 54	16 1
8008713	32 53	27 27
8008715	36 57	34 33
8008869	128 131	9 1
8008871	128	14
8008875	129 131	15 15
8008876	126 128	3 25
8009140	36 57	14 15
8009143	36 57	33 32
8009180	5 86 233 237	1 6 8 5
8009283	109	25
8009292	114	2
8009750	103	21
8009823	124	24
8010326	275	4
8010415	117	18
8010417	117	4
8010418	129 133	9 6
8010463	3	15
8010529	151	40
8010624	151	27
8010788	109	12
8010840	151	21
8010842	151	18
8010843	151	34
8010846	151	30

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REFERENCE NO.	FIG. NO.	ITEM NO.
8010847	151	31
8010848	151	33
8010849	151	19
8010850	151	9
8010851	151	26
8010853	151	29
8010857	151	16
8010861	151	41
8010862	151	5
8010865	151	43
8010866	141	3
8010868	151	42
8010879	151	39
8010880	151	8
8010881	151	7
8010883	151	1
8010884	151	6
8010887	151	17
8011174	164	14
8011177	162	2
8011178	162	25
8011212	103	19
8011360	142	21
8011398	108	11
8011399	108	7
8011650	108	10
8011651	108	6
8011652	108	9
8011717	106	17
8011718	106	11
8011719	106	12
8011720	107	5
8011823	164	11
8011824	162	1
8011837	164	5
8011838	162 164	24 2
8012037	161	13
8012109	78	13
8012110	78	12

REFERENCE NO.	FIG. NO.	ITEM NO.
8012216	122	17
8012217	122	18
8012241	10	4
8012243	10	1
8012244	11	4
8012244-2	11	5
8012245	10	3
8012247	10	5
8012247-2	10	8
8012250	4	29
8012311	103	1
8012312	103	7
8012315	104	23
8012316	104	12
8012317	104	6
8012318	106	1
8012321	107	40
8012322	103	29
8012333	11	11
8012334	11	27
8012335	11	9
8012399	10	7
8012400	11	7
8012430	137	17
8012432	175 227 230 238	1 19 1 12
8012434	98	14
8012436	137	9
8012462	35 35 56 56	9 26 7 26
8012533	107	19
8012548	105	3
8012550	105	16
8012551	105	5
8012552	105	1
8012891	108	10
8012897	11	10
8013030	107	29
8013054	134	3

REFERENCE NO.	FIG. NO.	ITEM NO.
8013107	11	22
8013217	270	10
8013218	270	11
8013219	241	13
8015341	103	9
8015382	97	2
8015522	2	22
8015759	210 213	1 1
8015760	211 215	20 24
8015774	211 215	9 16
8015786	210 213	15 13
8015790	162	24
8015791	164	1
8015792	163	12
8015793	164	12
8015794	164	7
8015795	164	3
8015796	163	8
8015797	162	7
8015798	162	8
8015801	163	6
8015802	162	5
8015803	162 163	13 18
8015806	163	11
8015807	163	7
8015808	162	22
8015809	163	19
8015812	162	4
8015813	163	3
8015834	163	4
8015835	163	10
8015840	271	2
8015860	161	23
8015861	163	5
8015862	162	3
8015874	271	17
8016171	151	46

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REFERENCE NO.	FIG. NO.	ITEM NO.
8016204	123	8
8016224	157	19
8016380	151	44
8016381	151	45
8016481	234	3
8016486	235	18
8016527	3	17
8016527-2	3	18
8016527-4	3	20
8016531	275	16
8016532	276	10
8016538	276	3
8016540	240	7
8016541	2	17
8016542	240	6
8016543	224	47
8016545	224	48
8016546	224	46
8016548	276	11
8016634	271	6
8016635	271	12
8016653	212	10
	216	10
8016655	212	9
	216	9
8016665	271	3
8016672	271	1
8016740	39	1
8016839	142	20
	143	21
8016871	132	11
8016872	132	12
8016890	127	7
8016891	127	8
8016892	127	6
8016934	249	28
8016935	249	26
8017197	244	11
8017204	131	28
8017206	206	25
	209	18
8017207	206	24

REFERENCE NO.	FIG. NO.	ITEM NO.
8017207	209	19
8017213	212	14
	216	14
8017449	163	21
8017450	163	1
8017451	164	15
8017452	163	2
8017458	133	17
8017460	130	7
8017494	242	35
8017634	124	8
8017728	78	14
	98	6
	196	13
	230	3
	238	10
8017729	78	15
	98	8
	196	12
	230	8
	238	30
8017731	98	12
8017827	105	6
8017828	105	7
8017829	105	8
8017830	105	9
8017831	105	10
8017832	105	11
8017833	105	12
8017834	105	13
8017835	105	14
8017836	105	15
8017852	107	18
8017854	106	7
8017864	107	17
8017942	129	16
	131	13
8018145	103	8
8018187	109	6
8018203	40	28
8018206	43	6
8018209	43	7
8018267	106	8
8018556	197	12
8018567	105	22

REFERENCE NO.	FIG. NO.	ITEM NO.
8018568	105	17
8018622	226	18
8018623	249	1
8018624	250	18
8018629	249	8
	259	16
	265	13
8018630	250	19
8018630-2	250	21
8018630-3	250	20
8018632	264	7
8018633	258	15
8018634	250	5
	264	8
8018635	250	6
	258	17
8018637	250	9
	258	21
	264	11
8018638	250	7
	258	16
	264	9
8018639	250	3
	258	19
	264	13
8018640	250	8
	258	20
	264	12
8018641	250	13
	258	8
	264	1
8018642	250	15
	258	10
	264	2
8018648	259	3
	265	1
8018649	249	13
	259	21
	265	6
8018652	249	23
	259	10
	265	19
8018653	200	12
8018655	249	15
	259	18
	265	4
8018657	249	16
	259	20
	265	7
8018658	249	14
	259	19
	265	5
8018661	237	13

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REFERENCE NO.	FIG. NO.	ITEM NO.
<b>8018663</b>	235	5
<b>8018663</b>	259	1
<b>8018666</b>	235	23
<b>8018667</b>	265	3
<b>8018672</b>	237	9
<b>8018673</b>	237	7
<b>8019136</b>	163	27
<b>8019139</b>	162	16
<b>8019140</b>	162	19
<b>8019141</b>	164	6
<b>8019183</b>	75	14
<b>8019463</b>	82	7
<b>8019657</b>	239	31
<b>8019660</b>	196	16
<b>8019738</b>	251	23
<b>8019740</b>	25	7
<b>8020776</b>	78	20
<b>8020777</b>	235	6
<b>8020778</b>	226	23
<b>8020779</b>	235	7
<b>8020840</b>	226	22
<b>8020888</b>	212	18
<b>8020963</b>	216	18
<b>8021090</b>	244	3
<b>8021091</b>	210	12
<b>8021092</b>	213	10
<b>8021093</b>	124	27
<b>8021101</b>	60	14
<b>8021139</b>	67	13
<b>8021140</b>	60	12
<b>8021141</b>	67	11
<b>8021142</b>	60	13
<b>8021224</b>	67	12
<b>8021277</b>	155	12
<b>8021277-2</b>	234	5
	234	7
	234	4
	234	6
	121	1
	258	1
	264	4
	258	2
	264	6

REFERENCE NO.	FIG. NO.	ITEM NO.
<b>8021277-3</b>	258	3
<b>8021280</b>	264	5
<b>8021284</b>	122	5
<b>8021285</b>	127	5
<b>8021286</b>	122	6
<b>8021287</b>	127	4
<b>8021288</b>	127	1
<b>8021290</b>	127	3
<b>8021292</b>	122	4
<b>8021296</b>	127	11
<b>8021302</b>	121	3
<b>8021304</b>	267	3
<b>8021308</b>	267	6
<b>8021315</b>	267	2
<b>8021320</b>	200	11
<b>8021321</b>	225	6
<b>8021322</b>	225	5
<b>8021323</b>	225	1
<b>8021328</b>	222	22
<b>8021329</b>	37	5
<b>8021330</b>	58	15
<b>8021357</b>	37	4
<b>8021360</b>	58	16
<b>8021362</b>	37	1
<b>8021452</b>	58	12
<b>8021453</b>	123	9
<b>8021454</b>	135	14
<b>8021457</b>	135	17
<b>8021474</b>	62	13
<b>8023336</b>	65	17
<b>8023359</b>	72	7
<b>8023363</b>	62	12
<b>8023364</b>	65	19
<b>8023365</b>	72	4
	62	10
	65	18
	72	5
	65	20
	72	6
	62	24
	70	1
	104	11
	107	13
	108	17
	108	4
	108	36

REFERENCE NO.	FIG. NO.	ITEM NO.
<b>8023367</b>	108	20
<b>8023373</b>	104	26
<b>8023374</b>	106	4
<b>8023375</b>	108	33
<b>8023376</b>	108	31
<b>8023377</b>	108	30
<b>8023378</b>	108	28
<b>8023379</b>	108	27
<b>8023380</b>	108	25
<b>8023381</b>	108	24
<b>8023382</b>	108	14
<b>8023383</b>	108	13
<b>8023384</b>	108	12
<b>8023385</b>	108	32
<b>8023386</b>	108	34
<b>8023387</b>	108	29
<b>8023388</b>	107	20
<b>8023389</b>	108	35
<b>8023392</b>	108	22
<b>8023393</b>	108	3
<b>8023394</b>	108	15
<b>8023395</b>	108	16
<b>8023396</b>	108	19
<b>8023397</b>	108	1
<b>8023399</b>	108	21
<b>8023407</b>	108	23
<b>8023621</b>	229	26
<b>8023644</b>	231	14
<b>8023679</b>	232	17
	78	25
	17	18
	97	5
	109	14
	110	27
	137	6
	26	5
	30	17
	28	2
	159	18
	106	20
	107	3
	193	24
	204	25
		20

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REFERENCE NO.	FIG. NO.	ITEM NO.
8024418	204	16
8024419	38	15
	58	33
8024442	239	30
8024449	25	8
8024469	85	26
	140	4
8024483	247	11
8024497	135	11
8024509	204	18
8024619	135	9
8024637	12	1
8024644	13	27
8024647	218	14
8024651	12	6
	16	4
8024652	15	14
8024660	98	1
8024666	16	15
	18	7
	19	16
8024667	13	36
	15	12
8024668	15	17
8024670	12	7
	16	5
8024671	15	15
8024702	240	27
8030972	130	6
8031500	275	28
8031504	275	22
8034450	178	10
	154	12
8034452	194	7
8034457	206	7
	209	13
8034661-21	122	14
8034679-509	135	3
8035491	275	27
8108036	107	26
8108333	80	3
8137479	65	15
815-254F1	103	24
	110	33
	113	27
	206	22

REFERENCE NO.	FIG. NO.	ITEM NO.
815-254F1	209	14
8150012	92	6
8150104	97	10
8150105	78	8
8150138	222	16
8150139	242	19
8150248	250	1
8150249	250	2
8150286	250	12
8150317	11	3
8150391	163	9
8150441	242	27
8150455	195	29
8150456	197	31
8150496	249	10
	259	14
	265	11
8158003	278	19A
8158030	168	30
8158067	49	4
8158068	49	5
8158069	49	1
8158070	212	17
	216	17
8158096	4	21
8158097	4	22
8158098	4	23
8158212	174	8
8158215	174	1
8158327	223	2
8158878	273	4
8158879	6	27
8158896	6	15
8158897	6	25
8158955	204	21
8159113	131	4
8159145	271	11
8159170	177	30
8159171	177	10
8159172	177	24
8159173	177	8

REFERENCE NO.	FIG. NO.	ITEM NO.
8159188	219	21
	220	32
8159194	220	1
	220	37
8159197	224	27
8159198	219	9
8159199	220	4
	220	33
8159200	220	3
	220	36
8159202	219	25
	220	23
	221	33
8159203	224	51
8159204	221	26
8159205	219	23
	220	31
8159206	221	12
8159207	219	10
	220	38
8159208	221	9
8159380	219	22
	220	22
	221	27
8159381	219	18
	220	15
	221	17
8159395	220	2
	220	27
8159396	224	2
8159397	221	2
8159406	182	2
8168333	240	23
8169647	107	7
8170021	75	20
8170124	51	1
	59	1
8170647	124	15
8170959	197	8
8170960	197	4
8170961	201	9
8170962	201	11
8170963	201	5
8170964	201	22
8170965	201	12
8170966	201	14
8170967	199	10

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REFERENCE NO.	FIG. NO.	ITEM NO.
8170968	199	8
8170970	173	39
8170973	173	36
8171015	204	15
8171017	203	2
8171018	203	8
8171020	172	13
8171021	193	22
8171021-7	193	26
8171022	198	20
8171025	198	58
8171026	9	2
8171029	198	40
8171030	195	2
8171032	194	34
8171033	198	55
8171035	198	56
8171036	195	23
8171037	195	4
8171038	195	33
8171039	195	19
8171040	195	5
8171041	198	8
8171042	6	19
8171043	9	3
8171044	8	5
8171045	195	30
8171046	197	32
8171047	171	17
8171048	198	41
8171049	198	42
8171050	6	8
8171051	188	7
8171052	188	2
8171053	171	1
8171054	188	6
8171055	197	19
8171058	195 196	25 7
8171059	195	24

REFERENCE NO.	FIG. NO.	ITEM NO.
8171060	195	27
8171062	195	3
8171063	195	34
8171064	195	14
8171065	196	13
8171066	195	9
8171068	197	26
8171072	197	30
8171073	194	38
8171074	193	20
8171075	194	39
8171076	194	36
8171077	198	35
8171078	198	59
8171079	198	39
8171093	124	1
8171103	249 259 265	11 17 10
8171112	249 259 265	7 12 8
8171163	222	14
8171168	129	28
8171169	123	3
8171177	241	2
8171178	241	1
8171224	222	13
8171400	123	4
8171407	162	15
8171408	163	20
8171432	249 259 265	17 4 14
8171433	249 259 265	20 7 16
8171434	249 259 265	19 6 15
8171452	223	26
8171566	196	20
8171567	196	18
8171580	198	16
8171581	198	9

REFERENCE NO.	FIG. NO.	ITEM NO.
8171582	198	13
8171586	197	3
8171625	161	1
8171631	222	10
8171633	180	17
8171634	204	13
8171637	170	25
8171638	173	29
8171638-2	173	30
8171639	179	13
8171639-2	179	14
8171640	180	1
8171640-2	180	2
8171642	195	26
8171643	171	18
8171644	193	14
8171646	194	33
8171648	193	13
8171649	193	17
8171650	193	16
8171651	193	19
8171654	198	15
8171655	196 198	6 47
8171656	196 198	5 46
8171657	171	23
8171659	171	21
8171661	173	33
8171667	225	16
8171668	225	14
8171669	225	11
8171670	247	9
8171671	247	10
8171672	247	6
8171673	247	29
8171674	247	19
8171675	247	18
8171676	246	3
8171677	247	3
8171678	247	27

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REFERENCE NO.	FIG. NO.	ITEM NO.
8171679	226	11
8171680	227	3
8171681	227	1
8171682	223	23
8171685	230	10
8171686	232	9
8171687	226	10
8171689	161	20
8171690	246	8
8171691	226	3
8171693	222	6
8171697	225	12
8171698	4	46
8171699	198	44
8171700	198 198	31 45
8171701	36 57	27 28
8171703	33 54	3 4
8171711	33 54	12 13
8171714	33 54	10 11
8171715	33 54	8 9
8171719	32 53	29 29
8171720	32 53	28 28
8171722	53	7
8171725	53	5
8171726	53	2
8171727	32 53	7 6
8171729	48	11
8171730	48	13
8171731	48	8
8171732	48	9
8171733	48	5
8171734	48	6
8171735	36 48 57	28 4 14
8171736	36 48	29 3

REFERENCE NO.	FIG. NO.	ITEM NO.
8171736	57	13
8171737	32	6
8171739	32	8
8171740	32	3
8171741	34 55	19 26
8171742	36 57	32 31
8171743	56	36
8171744	56	22
8171745	55	11
8171746	35 56	25 25
8171747	58	21
8171748	52	4
8171749	31	1
8171750	55	17
8171751	37 58	23 3
8171752	35	31
8171754	35 56	21 23
8171755	172	7
8171757	203	3
8171758	203	7
8171759	179	15
8171760	177	6
8171761	173 180	31 11
8171762	203	9
8171763	174 176	23 26
8171764	175	13
8171764-2	175	15
8171765	175	14
8171766	177	21
8171766-2	177	23
8171767	177	22
8171768	173	24
8171769	173	25
8171770	173	26
8171771	167	21
8171772	167	22

REFERENCE NO.	FIG. NO.	ITEM NO.
8171773	167	23
8171774	204	26
8171774-107	204	3
8171775	177	7
8171776	172	5
8171777	172	11
8171778	35 56	35 41
8171779	169 169	1 22
8171780	195	22
8171781	195	31
8171782	169	20
8171783	168	22
8171784	186	1
8171785	169	28
8171786	169 169	3 24
8171788	169	29
8171790	178	1
8171790-2	178	2
8171791	178	3
8171794	166	19
8171795	166	17
8171797	168 169	21 8
8171798	170	24
8171840	193	11
8171841	193	12
8171842	58	20
8171843	37	11
8171844	50	20
8171845	50	24
8171846	50	22
8171847	50	23
8171848	50	30
8171849	50	9
8171850	50	10
8171851	50	14
8171852	50	15
8171853	50	19
8171854	50	29

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REFERENCE NO.	FIG. NO.	ITEM NO.
8171855	50	8
8171856	50	2
8171857	50	13
8171859	177	4
8171859-2	177	5
8171860	180	19
8171861	180	20
8171862	180	21
8171910	5	12
8171911	71	4
8171912	60 67	17 16
8171914	70	4
8171915	69	27
8171917	72	1
8171918	66	13
8171922	60 67	8 7
8171923	70	9
8171924	71 72	6 3
8171925	68	31
8171926	64 71	12 13
8171927	70	10
8171928	65 72	13 8
8171929	66	5
8171930	66	7
8171931	66	6
8171933	66	11
8171934	66	22
8171935	66	8
8171937	66	21
8171939	65 72	12 16
8171940	60 67	6 5
8171941	66	10
8171942	65 72	14 12
8171943	61 68	15 26
8171944	71	9

REFERENCE NO.	FIG. NO.	ITEM NO.
8171945	60 67	5 1
8171948	69	26
8171949	65 72	11 15
8171950	65 71 72	7 5 9
8171951	68	2
8171952	68	1
8171953	68	3
8171962	273	5
8171964	273	6
8171965	273	7
8171966	172 273	8 8
8171976	114 121	6 5
8171987	167	25
8171990	209	35
8171992	214	9
8171993	208	1
8171995	207 208	6 2
8171998	207 208	7 6
8171999	207 208	8 5
8172000	207	1
8172002	205	21
8172003	205	25
8172004	205 205	20 24
8172005	205	4
8172006	205	2
8172007	205	9
8172009	206	11
8172011	205 205	3 5
8172012	209	9
8172014	206	3
8172016	210 213	6 6
8172019	212 216	5 5
8172019-4	212 216	7 7

REFERENCE NO.	FIG. NO.	ITEM NO.
8172020	212 216	11 11
8172022	209	5
8172023	209	6
8172024	209	8
8172027	214	12
8172028	209	7
8172029	209	29
8172030	206 209	24 17
8172031	206 209	29 22
8172032	206 209	31 24
8172032-2	206 209	33 26
8172033	206 209	23 15
8172034	211 215	7 13
8172035	211 215	4 7
8172036	215	20
8172037	211 215	18 23
8172038	206 209	6 12
8172039	211	25
8172040	206	18
8172041	214	10
8172042	207	10
8172043	205	10
8172044	206	15
8172045	206	19
8172046	206	16
8172047	206	17
8172048	214	13
8172049	217	10
8172050	217	12
8172051	217	6
8172052	214	14
8172053	214	2
8172056	205	18
8172057	205	19
8172058	209	34



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REFERENCE NO.	FIG. NO.	ITEM NO.
8172059	209	33
8172060	208	10
8172061	208	12
8172062	207	4
8172118	210	11
8172119	217	5
8172120	217	4
8172139	173	10
8172140	173	12
8172141	173	7
8172146	217	14
8172147	217	15
8172148	217	3
8172149	214	15
8172150	217	13
8172152	195	1
8172154	217	9
8172155	205	17
8172156	205	1
8172157	205	23
8172158	214	16
8172226	99	12
8172230	97	11
8172232	96	26
8172233	96	24
8172240	175	11
8172241	167	1
8172242	202	7
8172243	167	2
8172245	167	8
8172246	202	6
8172247	167	7
8172248	167 202	9 11
8172249	202	13
8172250	167 202	10 14
8172257	180	7
8172257-2	180	8
8172258	180 180	3 9

REFERENCE NO.	FIG. NO.	ITEM NO.
8172259	169	21
8172260	172	6
8172263	36 57	11 10
8172264	36 57	10 9
8172344	172	4
8172345	172	10
8172346	172	9
8172347	172	12
8172349	202	2
8172350	167	6
8172360	85	32
8172361	84	12
8172362	85	34
8172363	85	35
8172364	85	25
8172386	179	3
8172387	179	2
8172388	180	12
8172389	180	10
8172390	171	22
8172391	6	11
8172392	171	9
8172393	198	3
8172394	197	35
8172395	197	34
8172396	197	24
8172398	6	1
8172399	171	13
8172400	171	14
8172401	171	10
8172402	198	1
8172403	6	2
8172404	171	16
8172405	192	4
8172406	192	12
8172416	74	4
8172417	119	12
8172418	138	7
8172420	138	9

REFERENCE NO.	FIG. NO.	ITEM NO.
8172422	138	12
8172428	175	10
8172437	56	37
8172442	85	30
8172445	76	14
8172449	38	17
8172452	58	35
8172453	38 58	1 7
8172462	23	1
8172463	21	14
8172464	21	1
8172468	24	5
8172468	22	9
8172469	23	22
8172470	22	10
8172471	23	28
8172473	21	15
8172477	198	14
8172479	75	27
8172480	78	5
8172535	178	8
8172536	178	11
8172537	178	9
8172538	178	17
8172590	124	4
8172616	122	12
8172617	135	7
8172755	23	12
8172756	23	9
8172811	178	7
8172834	166	22
8172907	231	30
8172907-14	231	31
8172908	236	2
8172909	236	1
8172930	231	29
8172931	254	4
8172935	38 58	10 28
8172952	36	36

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REFERENCE NO.	FIG. NO.	ITEM NO.
8172953	179	10
8172953-2	179	12
8172954	179	11
8172955	33 54	14 15
8172984	156	12
8172986	143	1
8172991	23	18
8172996	63 69	10 22
8172997	61 68	34 24
8172998	63 69	6 18
8172999	63 69	5 17
8173000	61 68	16 13
8173001	61 66	17 14
8173002	69	5
8173003	69	6
8173004	69	7
8173005	69	12
8173051	69	24
8173052	68	19
8173053	68	27
8173054	68	34
8173055	68	12
8173056	68	35
8173057	68	18
8173058	69	4
8173064	271	19
8173065	161	21
8173261	271	18
8173305	180	13
8173306	180	14
8173307	180	16
8173308	180	15
8173309	111	12
8173374	240	10
8173496	174	22
8173498	174	16

REFERENCE NO.	FIG. NO.	ITEM NO.
8173503	190	11
8173504	176	15
8173505	190	7
8173506	190	9
8173507	190	10
8173509	190	2
8173526	168	15
8173626	190	4
8173695	194 194	29 35
8173696	170 186	21 7
8173697	170 186	20 5
8173701	177	17
8173704	170 186	27 9
8173705	170 186	26 8
8173750	203	4
8173815	73	11
8173820	39	24
8173821	45	1
8173822	39	19
8173880	277	5
8173882	276	5
8173883	275	31
8173884	276	28
8173886	3	12
8173887	276	4
8173888	275	30
8173889	276	23
8173892	275 276 276	33 6 24
8173893	275 276 276	35 8 25
8173894	275 276 276	32 9 27
8173897	276	21
8173900	276	19
8173903	276	18
8173905	276	20

REFERENCE NO.	FIG. NO.	ITEM NO.
8173912	276	1
8173921	3	10
8173922	3	13
8173926	3	9
8173930	2	16
8173966	167	18
8173967	167	14
8173968	167	20
8173969	167	19
8173989	194	21
8173990	194	13
8173991	194	11
8173992	194	10
8173993	194	26
8173994	168 177 177	13 9 31
8173997	194	28
8174006	251	11
8174019	191	3
8174033	83	4
8174034	83	13
8174035	83	1
8174036	83	5
8174037	83	12
8174038	83	10
8174041	81	14
8174098	83	26
8174099	81	10
8174100	194	20
8174109	138	4
8174133	154	4
8174134	118	11
8174135	154	3
8174169	84	11
8174172	84	18
8174175	90	16
8174176	90	3
8174183	9	1
8174194	83	29
8174206	83	14

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REFERENCE NO.	FIG. NO.	ITEM NO.
8174208	84	21
8174210	84	44
8174222	154	1
8174236	83	25
8174243	200	16
8174244	6	3
8174250	182	13
8174251	182	12
8174252	182	5
8174255	181	13
8174256	181	10
8174257	181	3
8174258	181	12
8174263	181	6
8174264	181	9
8174278	184	1
8174282	181	2
8174283	181	11
8174284	2	13
8174285	2	11
8174372	230	25
8174373	253	10
8174374	253	1
8174375	228	7
8174376	228	9
8174382	75	16
8174383	75	17
8174384	75	18
8174385	75	15
8174391	85	1
8174405	83	33
8174429	230	31
8174430	230	30
8174437	230	32
8174442	15	18
8174443	15	20
8174446	15	19
8174449	16	37
8174450	15	28
8174451	15	27

REFERENCE NO.	FIG. NO.	ITEM NO.
8174452	15	16
8174453	16 17	9 4
8174454	13	7
8174455	13	3
8175001	104	5
8175129	74	14
8175137	103	38
8175301	101	44
8175304	11	12
8175334	62 70 107	25 14 6
8175345	10	9
8175356	26	14
8175357	26	16
8175371	179 192	1 7
8175449	134	5
8175488	106	6
8175567	61 63 68 69	5 27 5 8
8175658	232	27
8175852	196	15
8175854	12	15
8175992	15	9
8176009	12	25
8176154	92	1
8176179	116	7
8176224	243	17
8176230	212 216	15 15
8176383	223	15
8176457	107 127	4 9
8176476	267	1
8176512	131	6
8176516	103	27
8176691	17	27
8176840	226	2
8176871	75	1
8176893	240	22

REFERENCE NO.	FIG. NO.	ITEM NO.
8176895	231	27
8176896	102	37
8176971	208	16
8177001	110 137	9 6
8177012	4	47
8177048	18 129 131	4 14 14
8177127	80	15
8177128	232	28
8177146	98 238	4 13
8177148	98 238	3 27
8177149	98 230	5 18
8177158	278	14A
8177343	237 278	17 10
8177439	21 111 115 117 206	19 8 9 23 8
8177479	193	27
8179172	61 63 68 69	18 7 17 21
8199277	101 125 126 129 133	2 13 4 10 3
8213721	272	6
8216679	184	29
8217055	13	4
8217078	13	39
8217079	13	6
8221585	39	13
8223595	224	49
8223597	276	15
8223598	275	29
8223599	3	5
8252	13	2
8328095	176	23
8328096	176	21
8491560	271	21

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REFERENCE NO.	FIG. NO.	ITEM NO.
8511029	82	5
8511030	82	6
8511070	251	26
8511081	109	18
8511084	110	13
8511085	110	17
8511086	109	13
8511092	81	11
8511099	183	7
8511101	183	24
8511102	183	6
8511104	183	29
8511107	183	8
8511110	184	14
8511113	184	10
8511114	184	8
8511115	184	13
8511116	184	2
8511119	183	1
8511122	183	16
8511124	183	18
8511128	183	11
8511131	183	13
8511132	184	5
8511133	183	17
8511134	184	24
8511135	184	27
8511136	184	28
8511158	81	5
8511159	81	4
8511166	251	19
8511196	184	15
8511197	184	21
8511198	184	20
8511199	184	22
8511200	184	26
8511240	166	4
8511241	194	1
8511242	166	5
8511243	194	2

REFERENCE NO.	FIG. NO.	ITEM NO.
8511244	167	38
8511245	167	33
8511246	167	32
8511247	167	42
8511248	251	22
8511283	275	2
8511355	112	12
8511356	112	5
8511357	112	4
8511359	112	7
8511366	87	4
8511404	124	13
8511405	124	17
8511442	218	17
8511443	218	21
8511444	218	24
8511445	218	22
8511446	218	7
8511447	218	11
8511448	218	9
8511449	218	16
8511450	218	27
8511451	218	13
8511452	218	10
8511454	218	12
8511465	192	5
8511466	192	13
8511467	192	6
8511468	192	14
8511500	276	12
8511503	277	3
8511504	275	3
8511516	275	1
8511584	2	1
8511586	161	24
8511641	11	15
8511692	16	38
8511715	11	8
8511725	1	1
8511779	161	22

REFERENCE NO.	FIG. NO.	ITEM NO.
8511827	195 196	28 19
8511888	270	8
8511889	270	5
8511923	109	7
8511924	109	4
8512159	211	22
8512181	66	2
8512182	66	16
8512183	66	17
8512225	229	21
8512226	229	10
8512227	229	20
8512228	228	17
8512229	228	23
8512373	19	6
8512400	110 113	1 2
8512401	110 113	32 25
8512422	242	13
8512510	4	15
8512511	5	4
8512512	4	14
8512530	76	4
8512532	81	6
8512672	22	29
8512674	92	7
8512741	222	19
8512742	242	22
8512744	231	28
8512745	231	26
8512746	231	20
8512747	254	1
8512748	254	2
8512749	254	3
8512757	2	23
8512814	112	10
8512815	112	8
8512818	112	11
8513031	120	19

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REFERENCE NO.	FIG. NO.	ITEM NO.
8513032	120	25
8513033	120	28
8513047	120	18
8513050	121	2
8513192	86	13
8513194	91	2
8513215	85	13
8513216	84	43
8513217	84	46
	85	12
8513218	84	37
	85	7
8513221	84	39
8513231	83	22
	84	40
8513232	86	9
8513258	271	8
8513357	91	3
8513393	83	15
8513395	87	6
8513484	85	10
8513485	85	9
8513486	85	22
8513487	85	24
8513488	85	19
8513503	90	29
8513506	90	2
8513514	92	11
8513516	83	24
8513542	201	4
8513543	201	3
8513544	201	2
8513545	201	1
8513546	201	21
8513547	200	4
8513723	82	4
	194	40
8513724	194	41
8513725	194	43
8513934	200	13
8513935	200	3
8513912	241	22

REFERENCE NO.	FIG. NO.	ITEM NO.
8515030	14	8
8515057	136	10
8515058	136	1
8515060	136	9
8515061	136	4
	136	13
8515062	136	3
	136	12
8515066	136	11
8515067	136	2
8515074	135	4
8515080	135	15
8515081	124	5
8515085	135	16
8515112	143	22
8515113	154	2
8515117	120	21
8515125	144	2
8515127	144	13
8515128	156	17
8515130	144	12
8515131	144	11
8515132	140	14
8515214	241	17
8515215	222	5
8515217	222	4
8515248	169	11
8515249	169	13
8515250	169	16
8515251	169	14
8515252	169	15
8515253	203	5
8515254	187	13
8515255	187	2
8515256	187	12
8515257	204	25
8515258	187	9
8515259	187	8
8515260	187	10
8515261	197	13
8515262	197	17

REFERENCE NO.	FIG. NO.	ITEM NO.
8515263	166	6
8515264	166	7
8515265	166	8
8515446	156	15
	182	1
8515472	60	5
8515479	15	10
8515481	12	5
8515482	16	10
8515496	110	19
8515531	218	6
8515562	155	7
8515645	110	11
8515647	218	20
8515654	8	7
8515721	251	1
8515860	232	29
8515925	227	22
	245	1
	278	28
8515936	4	41
8515943	232	7
8515944	230	23
	231	15
8515953	149	10
8515967	128	12
	132	7
8516043	3	4
	195	15
8516062	51	4
	59	13
	137	11
8516067	131	8
8516072	133	14
8516109	104	14
8516156	232	8
8516176	86	10
8516179	119	10
8516180	84	41
8516181	83	6
8516203	176	5
851621	117	12
8516219	178	16
8516221	21	23

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REFERENCE NO.	FIG. NO.	ITEM NO.
8516222	110	29
8516225	22	5
8516226	15	32
8516227	13	28
8516250	26 30	12 7
8516300	84	22
8516300	199 200	7 14
8516337	13	31
8516337	230	9
8516958	179	19
8516959	178	20
8516960	178	22
8516961	178 179	21 24
8516962	179	26
8516963	179	27
8516965	179	21
8516965	179	28
8516966	178	19
8516967	178	24
8516968	179	23
8516969	179	25
8516970	178	23
8517016	63 64 71	17 8 11
8517017	63 64 71	16 13 10
8517037	236	17
8517040	236	3
8517041	236	4
8517042	267	7
8517065	81	21
8517066	81	22
8517067	81	20
8517069	81	23
8517073	171 198	15 6
8517211	103	25
8517212	103	23
8517301	217	7

REFERENCE NO.	FIG. NO.	ITEM NO.
8517301	217	8
8517327	172	14
8517342	173	20
8517345	173	4
8517376	36 57	13 12
8517461	242	11
8517533	275	10
8517537	275	8
8517539	60 67	4 4
8517587	204	1
8517587-2	204	2
8517589	30	19
8517590	27	4
8517639	231	32
8517646	113 157	23 13
8517656	83	35
8517722	228	12
8517792	167	41
8517794	176	1
8517796	200	7
8517815	167	39
8517818	181 182	7 4
8517819	185	17
8517820	185	15
8517821	185	11
8517822	185	10
8517823	185	5
8517825	185	13
8517826	185	16
8517830	185	12
8517844	118	5
8517845	118	3
8517846	118	8
8517853	240	2
8517854	240	3
8517856	152	3
8517869	170	16

REFERENCE NO.	FIG. NO.	ITEM NO.
8517906	193	1
8517907	193	3
8517908	193	4
8517911	181 182	1 3
8517933	3	1
8517974	2	3
8517989	116	6
8517991	74	13
8517994	198	30
8517995	198	25
8517997	75	5
8517998	156	9
8517999	156	11
8518001	166	2
8518011	118	2
8518012	118	6
8518028	140 152	25 4
8518053	274	11
8518061	276	17
8518062	276	22
8518072	277	6
8518072	276	13
8518157	198	22
8518199	174	24
8518200	174	29
8518201	174	31
8518202	174	30
8518289	113	22
8518330	201	17
8518331	200 201	5 20
8518333	201	15
8518418	243	18
8518442	125 126	12 10
8518555	18	21
8518582	118	7
8518635	87	11
8518636	87	22
8518675	74	12

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REFERENCE NO.	FIG. NO.	ITEM NO.
8518685	233	14
8518686	233	20
8518688	252	12
8518689	252	14
8518690	252	1
8518691	252	5
8518692	229	28
8518693	252	13
8518700	229	29
8518701	252	2
8518702	252	6
8518711	4	9
8518712	4	1
8518800	229	19
8518846	90	10
8518847	90	12
8518852	90	14
8518853	90	13
8518876	181	5
8518995	181	8
8518996	183	28
8518997	183	35
8518998	183	21
8518999	183	20
8519075	199 246	3 4
8519078	21	4
8519079	115	27
8519085	15 86	33 24
8519232	231	37
8519278	174	25
8519379	239	35
8519426	28 29	20 19
8519428	28	19
8519454	170	1
8519455	170	15
8519496	211	10
8519569	215	14
8519606	185	7

REFERENCE NO.	FIG. NO.	ITEM NO.
8519607	185	8
8519620	105	18
8519623	151	37
8519624	151	38
8519633	106	13
8519667	278	2A
8519687	199	11
8519693	140	20
8519694	242	14
8519697	243	10
8520088	274	16
8520089	274	6
8520090	274	8
8520091	274	5
8520092	274	4
8520093	274	2
8520109	137	4
8520110	93	4
8520111	36 57	4 1
8520112	49	21
8520113	49	19
8520114	49	14
8520116	32 53	14 17
8520117	32 53	19 19
8520118	32 53	2 8
8520119	49	23
8520122	49	11
8520123	32 53	18 20
8520124	49	17
8520125	49	18
8520127	49	15
8520128	32 53	15 18
8520129	49	3
8520130	49	24
8520131	32 53	11 14
8520132	32 53	10 12

REFERENCE NO.	FIG. NO.	ITEM NO.
8520133	49	13
8520134	32 53	16 13
8520135	49	16
8520141	86	12
8520175	196	14
8520186	151	36
8520346	239	28
8520390	231	35
8520391	231	42
8520397	139	10
8520399	119	15
8520401	139	11
8520402	119	2
8520403	137	2
8520405	137	16
8520408	119	24
8520409	119	20
8520410	119	18
8520411	119	19
8520469	139	14
8520469-2	139	15
8520470	139	19
8520473	119	16
8520474	119	1
8520524	4	45
8520525	30	23
8520528	30	30
8520529	30	24
8520530	28	6
8520531	28	23
8520532	29	20
8520533	29	14
8520535	26	10
8520536	27	6
8520537	27	8
8520538	27	5
8520540	27	7
8520541	27	9
8520542	30	10

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REFERENCE NO.	FIG. NO.	ITEM NO.
8520543	30	8
8520544	30	28
8520545	30	29
8520546	28	22
8520547	29	13
8520548	29	12
8520549	29	8
8520550	28	7
8520551	28	10
8520552	26	3
8520553	26	5
8520554	29	7
8520555	30	9
8520683	29	6
8520688	98	15
8520689	75	24
8520690	75	19
8520714	75	21
8520715	75	23
8520736	233	6
8520738	233	23
8520739	233	1
8520740	228	26
8520741	228	25
8520759	165	14
8520760	165	12
8520761	165	11
8520762	165	9
8520892	123	16
8520942	104	8
8520950	151	10
8531003	197	16
8531006	86	23
8531062	21	3
8531066	193	21
8531233	170 186	22 6
8531248	207 208	5 7
8531254	173	8
8531270	110	18

REFERENCE NO.	FIG. NO.	ITEM NO.
8531285	278	2E
8531311	278	11G
8531365	275	17
8537050	135	1
8591567	278	8A
8591722	12 16	8 6
8605111	45	7
8605114	45	3
8605115	45	9
8605171	44	3
8605173	39	7
8605174	39	4
8605175	39	2
8605176	39	10
8605177	39	5
8605178	39	3
8605179	39	11
8605180	39	14
8605392	40	7
8605417	39	17
8606871	245	3
8606885	75	2
8607114	43	1
8607339	96	1
8627045	157	24
8628885	16 18 19	16 15 17
8629891	39	12
8633840	19	24
86404-21	189	14
88812-1	189	12
88813-1	189	8
8890710	109	26
8896580	248	1
8899395	13	16
89519	189	5
9000008	271	16
9000044	8	1
9000050	29	10

REFERENCE NO.	FIG. NO.	ITEM NO.
9000058	168	8
9000060	194	27
9000062	194	16
9000062-4	194	13
9000065	194	6
9000106	218	15
9000107	218	5
9000111	229	5
9000126	4	17
9000127	4	10
9000183	202	1
9000184	202	3
9000185	202	8
9000255	138	5
9000256	138	11
9000257	138	10
9000293	198	54
9000397	29	4
9000462	165	16
9000499	198	21
9000518	69	1
9000682	198 278	23 9A
9000685	93	3
9000704	83	36
9000707	182	16
9000708	183	22
9000709	183	4
9000724	187	3
9000727	218	23
9000834	74 81 119 156	5 9 11 10
9000921	74	6
9000933	278	20
9000935	139	21
9000998	242	25
9001014	276	16
9001071	113	28
9001077	98	7
9001263	76	5



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REFERENCE NO.	FIG. NO.	ITEM NO.
9001455	210 213	2 2
9001475	267	4
9001564	148	2
9001906	121	15
9002521	274	15
9002532	2	6
9002791	86	16
9002937	22 23	15 25
9002955	268	9
9002986	19 19 61 63 68 69	7 33 35 11 25 23
9003100	277	4
9003101	224 255	12 16
9003104	224 255	10 13
9003105	233	16
9003106	255	17
9003107	233	24
9003109	255	14
9003109	233	15
9003110	224	31
9003111	224	44
9003112	224	42
9003113	224	30
9003114	224	43
9003115	224	6
9003116	224	14
9003117	224	7
9003118	224	13
9003119	240	9
9003120	269	1
9003121	269	3
9003122	240	25
9003123	269	13
9003124	240	8
9003171	224 224 255 269	22 38 4 10

REFERENCE NO.	FIG. NO.	ITEM NO.
9003172	224 224 255 269	21 39 5 9
9003173	224 224 255 269	17 34 7 7
9003174	224 224 255 269	23 37 3 12
9003175	224 224 255 269	20 35 6 8
9003176	224 224 255 269	18 33 9 5
9003177	224 224 255 269	15 32 1 4
9003201	184	7
9003202	184	9
9003220	169	12
9003245	225	2
9003248	13	35
9003250	278	21H
9003251	83	34
9003262	77 198	7 29
9003277	113	12
9003381	278	8P
9003383	278	8D
9003385	278	8N
9003386	278	8E
9003387	278	8F
9003399	278	8L
9003400	278	8M
9003401	278	16C
9003407	63 69	8 19
9003408	278	6G
9003412	68	16
9003414	278	6F
9003415	278	6E
9003416	278	6J
9003417	278	6C

REFERENCE NO.	FIG. NO.	ITEM NO.
9003441	163 164	22 10
9003543	274	10
9003635	199 246	3 11
9003636	229	12
9003640	4	38
9003668	7	1
9003696	268	16
9003714	251	13
9003718	165 204	8 19
9003726	120	6
9003735	277	2
9003823	184	16
9003864	176	2
9003898	278	6J
9003906	278	6H
9003919	206	36
9003922	278	68
9004129	42	4
9004131	41	8
9004132	41	18
9004284	2	10
9004290	2	12
9004340	166	29
9004350	166	23
9004351	166	21
9004362	166	3
9004363	166	1
9004366	166	13
9004371	274	21
9004372	274	1
9005205	36	8
9005338	237	16
9005358	251	2
9005359	229	25
9005393	2	21
9005401	176	25
9005402	176	24
9005403	176	14

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9005404	85	21
9005406	85	23
9005407	85	20
9005446	216	19
9005447	212	19
9005493	168	9
9005517	30	3
9005518	26	18
	30	4
9005519	26	15
9005520	30	1
9005527	49	6
9005556	184	25
9005557	183	19
9005558	183	15
9005559	182	9
9005560	182	7
9005561	182	10
9005562	182	8
9005563	184	23
9005564	165	21
9005565	184	4
9005611	227	10
9005733	39	20
9005869	41	1
9005945	39	25
9005962	42	14
9005992	46	7
9006000	46	9
9006018	44	10
9006021	46	14
9006022	46	18
9006042	40	26
9006043	40	10
9006114	39	26
9006115	41	5
9006121	45	6
9006123	46	10
9006125	46	5
9006126	46	23

REFERENCE NO.	FIG. NO.	ITEM NO.
9006127	46	22
9006128	46	1
9006136	42	3
9006139	43	5
9006140	43	8
9006146	43	10
9006148	42	12
9006375	45	23
9006376	45	11
9006394	149	3
9006395	150	3
9006403	149	7
9006415	149	2
	150	2
9006416	149	1
	150	1
9006419	148	1
9006420	148	5
9006436	144	1
9006448	156	5
9006449	155	20
9006450	153	13
9006451	156	6
9006452	154	10
9006453	154	9
9006454	154	12
9006459	153	18
9006460	142	24
	143	26
9006461	153	12
9006462	142	25
	143	27
9006504	153	19
9006506	155	1
9006516	143	2
9006521	45	4
9006523	31	5
	52	8
9006710	46	24
9006713	45	19
9006714	45	12
9006715	46	2

REFERENCE NO.	FIG. NO.	ITEM NO.
9006716	46	4
9006720	46	20
9006727	120	7
9006778	242	10
9006782	4	8
9006783	7	18
9006786	7	20
9006789	7	23
9006790	7	22
9006797	4	39
9006826	7	13
9006827	7	14
9006829	7	21
9006833	7	2
9006834	7	19
9006848	7	3
9006959	207	16
9006960	207	13
9006961	207	12
9006962	207	15
9007051	207	11
9007194	278	8B
9007416	86	11
9007471	229	13
9007475	85	14
9007482	204	4
9007540	80	2
	278	7B
9007563	278	21D
9007671	275	15
9007672	275	13
9007673	275	16
9007732	183	30
9007778	169	4
9007779	169	19
9007820	168	1
9007886	197	9
9007892	268	25
9007893	239	5
9007942	119	28

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REFERENCE NO.	FIG. NO.	ITEM NO.
9007944	139	9
9007945	119	26
9007946	5	10
9007947	5	9
9007952	93	11
9007957	93	13
9007992	268	24
9008002	90	9
9008006	90	1
9008007	90	4
9008011	90	11
9008012	90	28
9008013	83	23
9008034	90	7
9008040	51	20
9008041	51	19
9008042	51	21
9008043	37	21
9008044	51	5
9008046	38 58	12 30
9008046-1	38 58	16 34
9008056	266	3
9008057	193	24
9009090	193	23
9009094	150	4
9009095	140 149	9 4
9009098	6 171	12 12
9009252	15 113 268	25 11 12
9009325	148	6
9009326	148	4
9009416	5	11
9009419	65	16
9009420	62	11
9009421	61	31
9009422	63	22
9009425	65	22
9009426	62	7

REFERENCE NO.	FIG. NO.	ITEM NO.
9009427	65	6
9009428	62	14
9009429	65	3
9009430	65	21
9009431	64	7
9009432	63	15
9009433	62	20
9009434	62	8
9009642	113	6
9009712	63	25
9009717	63	24
9009718	63	23
9009719	62	1
9009724	61	21
9009725	61	23
9009726	61	29
9009727	61	11
9009728	61	37
9009729	61	20
9009732	63	31
9009733	61	2
9009734	61	3
9009735	61	1
9009782	113	10
9009993	61	32
9009994	64	6
9010107	232	21
9010164	16 16	20 43
9010254	278	216
9010255	16	17
9010355	170	12
9010356	170	28
9010520	80	4
9010654	97	1
9010854	274	14
9011369	170	13
9011444	252	11
9011621	64	10
9011635	268	7

REFERENCE NO.	FIG. NO.	ITEM NO.
9011925	96 157	23 7
9012077	■	21
9012080	7	17
9015493	47	2
9015520	41	7
9015521	46	19
9015522	46	21
9015523	■	15
9015524	46	3
9015527	45	10
9015528	45	2
9015542	40	9
9015594	40	12
9015595	40	11
9015596	40	27
9015597	40	4
9015599	40	22
9015601	40	2
9015602	41	4
9015603	42	16
9015604	42	1
9015605	42	15
9015606	42	13
9015608	41	9
9015611	41	13
9015612	41	17
9015613	41	26
9015614	40	20
9015615	40	23
9015616	40	21
9015617	44	20
9015625	41	11
9015626	42	9
9015629	40	18
9015630	40	19
9015633	40	14
9015647	42	2
9015655	41	12
9015656	47	6

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9015657	44	5
9015663	40	5
9015688	123	12
9015692	124	34
9015817	142	6
9016244	40	13
9016244	40	3
9016477-1	141	5
	142	3
	143	7
9016477-2	142	13
	143	11
9016477-3	142	14
	143	12
9016679	140	24
9016680	147	1
9016885	144	10
9016984	142	15
	143	14
9016985	142	16
	143	15
9016987	142	17
	143	16
9017044	191	6
9017045	191	5
9017084	137	18
9017154	14	10
9017284	43	4
9018901	4	34
9024653	61	38
	63	1
9024657	7	4
9024747	153	14
9024790	83	21
9101369	168	10
9111724	17	6
9128373	135	13
9135581	4	2
9136010	204	24
9136011	204	23
9136028	6	24
9136051	212	16
	216	16

REFERENCE NO.	FIG. NO.	ITEM NO.
9136101	51	11
9136102	51	6
9136103	51	9
9136104	51	14
9136105	51	10
9136107	51	8
9136180	81	8
9136181	89	3
9136187	88	2
9136188	89	12
9136191	81	17
9136192	177	18
9136193	218	26
9136194	173	16
9136211	211	11
	215	3
9136228	84	31
	90	21
	232	19
9136229	84	32
	90	20
	232	20
9136243	87	19
9136299	77	8
9136345	224	1
9136346	85	15
9136402	82	8
9136405	82	9
9136411	84	36
9136430	74	16
9136432	74	23
9136461	161	16
9136462	161	10
9136463	161	9
9136464	161	12
9136465	161	11
9136483	221	15
9136484	221	16
9136485	224	28
9137184	278	20
9137398	18	23
9137472	23	11

REFERENCE NO.	FIG. NO.	ITEM NO.
9137503	220	13
	220	34
9137534	219	20
9137512	224	29
9137575	219	19
	220	35
9137612	221	13
9137616	221	14
9137708	236	9
9137743	88	15
9137744	89	4
9137746	85	2
9137750	88	13
9137776	221	11
9137805	7	16
9138173	87	13
9138182	93	15
9138247	37	15
9138278	205	11
9138386	84	28
9138419	232	17
9138420	232	14
9138478	87	14
9138605	232	22
9138622	144	4
9138649	73	1
9138670	194	17
9138676	102	8
9138830	15	6
9138858	142	19
	143	18
9138996	84	35
	90	17
9139487	19	18
9140157	231	2
9140158	231	9
9140189	182	11
9140190	182	6
9140232	86	21
9140233	86	20
9140234	86	23
9140449	74	24

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9140450	73	14
9140649	90	8
9140920	19	5
9141729	142	11
9141731	141	11
9141732	143	8
9141735	141	13
9141736	152	6
9141767	152	5
9141799	142	7
	143	3
9141800	142	9
	143	9
9141801	142	10
	143	13
9141832	144	3
9141834	142	1
9141835	143	19
9141840	153	3
9141879	142	8
	143	25
9141927	140	23
9142682	115	18
9142684	115	28
9142685	115	24
9142686	115	15
9142687	115	10
9142688	113	24
9142690	115	31
9142706	115	2
9142739	53	1
9142740	32	1
9142744	219	15
	220	25
9142751	32	25
	53	25
9142787	137	21
9142933	126	23
9142934	123	18
9142935	126	24
9142936	123	17
9142940	126	5
9142941	126	1

REFERENCE NO.	FIG. NO.	ITEM NO.
9142942	126	6
9142943	126	2
9142950	120	2
9142951	125	5
9142952	125	10
9142953	120	1
9143072	125	18
9143106	116	17
9143107	116	16
9143108	116	15
9143109	116	14
9143110	116	19
9143112	116	20
9143113	224	56
9143118	116	2
9143119	117	1
9143120	96	18
9143124	159	7
9143125	158	17
9143126	158	20
	159	14
9143128	160	12
9143129	160	10
9143131	158	9
9143132	160	4
9143133	157	3
9143134	160	5
9143135	160	9
9143136	159	3
9143137	160	13
9143139	159	23
9143140	160	3
9143141	158	23
9143142	157	4
9143145	160	11
9143146	224	59
9143151	220	7
	220	28
9143204	160	2
9143221	224	58
9143222	224	57

REFERENCE NO.	FIG. NO.	ITEM NO.
9143285	158	13
9143293	197	23
9143294	197	22
9143330	51	7
9143888	229	26
9144020	118	9
9144021	115	25
9144074	22	25
	101	27
	103	18
	110	22
	114	14
	121	13
9144127	32	26
	53	26
9144268	91	7
9144269	91	10
9144275	125	11
	125	8
	132	10
9144276	129	11
	132	15
9144422	129	4
	132	9
9144446-2	121	4
9145285	18	5
9145591	14	4
9145635	14	7
91501-2	189	2
9150244	124	16
9150245	124	18
9150332	16	27
9150358	15	5
9150422	278	4A
9150429	278	3E
9150430	278	3A
9150431	278	3B
9150432	278	3F
9150433	278	3C
9150434	278	3D
9150583	256	7
	263	12
9150585	256	3
	263	16
9150586	256	6
	263	13

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9154348	96	7
9154350	96	22
9154353	151	14
9154354	151	35
9154355	151	15
9154360	167	5
9154414	73	15
9154415	73	19
9154588	84 90 232	30 22 18
9154623	219 220 221	17 17 23
9154638	140	8
9154646	158	27
9154647	158	26
9154655	159	15
9154678-2	158	15
9154696	158	22
9154703	159	12
9154741	159	16
9154780	157	15
9154782	157	22
9154795	73	23
9154797	73 73	17 21
9154798	73	22
9154811	73	18
9154813	73 73	16 20
9154820	158	6
9154839	233	22
9154840	240	21
9154842	157	11
9154881	140	8
9155134	80	1
9155136	80	16
9155138	76	15
9155146	80	8
9155150	88	3
9155168	76	2
9155176	79	8

REFERENCE NO.	FIG. NO.	ITEM NO.
9155177	79	3
9155178	79	9
9155179	79	4
9155720	122	15
9156741	102	25
9156901	20	38
9157184-2	278	8H
9157416	211 214 215	24 6 19
9157483	16	30
9157516	95	1
9157517	95	7
9157788-15	94	19
9157788-23	121	21
9157788-24	25	1
9157788-25	21 25 158	6 4 25
9157788-26	13 16	20 31
9157788-27	158	32
9157788-29	99	7
9157788-37	94	26
9157788-38	16 97 159	42 4 1
9157788-39	12 13 14 77 96 97 157 158 159 248	17 9 28 2 19 12 8 1 10 4
9157788-41	18 20 96 97 99	1 25 2 17 4
9157788-42	18 157	19 6
9157788-43	77 94	5 23
9157788-45	16 16	11 33
9157788-46	14	11
9157788-47	98	11
9157788-49	19	11

REFERENCE NO.	FIG. NO.	ITEM NO.
9157788-53	149 150	6 6
9157788-54	15 16 17 19 19 19 157	30 23 13 1 23 27 10
9157788-55	96 99	6 8
9157788-57	13 19	38 9
9157788-58	74	11
9157788-61	21	16
9157788-62	140	1
9157788-64	15	7
9157788-71	21	8
9157788-72	13 140	17 26
9157788-83	169	41
9157788-92	13	24
9157789-13	145	1
9157789-14	19	31
9157789-72	15	31
9157789-90	156	7
9157792-33	13	13
9157792-35	248	8
9157792-61	13 76	12 3
9157792-62	12	30
9157792-63	19 19	25 37
9157793-6	12	29
9157796-137	158	12
9157796-139	40	6
9157796-153	96	8
9157796-157	140	17
9157796-18	141	10
9157798-1	94	20
9157798-52	145	2
9157813	278	8G
9157828	84	8
9157889	116	11
9157940	278	6A
9157943	278	16B

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REFERENCE NO.	FIG. NO.	ITEM NO.
9158136-131	102	24
9158165-1	96	15
9159969	96	13
9159971	99	10
9159973	119	29
9159977	171	5
9160053	6	18
9160063	76	13
9160095	111	13
9160293	96	21
9160393	239	18
9160434	239	16
9191667	176 237 251	17 18 15
9194770-21	190	3
9400289	46	8
9407434	43	2
9407468	131	21
9513195	86	14
9731500	141 142 143	7 5 4
9733203	268	6
9741041	100	25
9741770-3	148	3
9742652-2	96	14
9976002	124	12
9976010-3	155	21
9976010-4	140	15
9976010-5	140	21
9976207-1	83	32
9976257-1	25	6
9976391-1	94	11
9980481	89	14
9982041	12	19
9983682	99	9
9984495	2	4
9984496	2	5
9986205	86	15
9986206	91	11
9986208	84	6

REFERENCE NO.	FIG. NO.	ITEM NO.
9986209	87	24
9986719	4	33
9986722	4	31
9986723	4	32
9986798	146	4
9986839	247	28
9986841	247	5
9986866	78	9
9986982	94	4
9986983	94	2
9986984	94	5
9986985	94	10
9989492	4	30
9991587	140	13
9991592	146	6
9991593	146	1
9991594	146	3
9991596	146	7
9991614	146	8
9991620	145	4
9991621	145	3
9991627	145	7
9991629	145	5
9991630	145	8
9991631	140	3
9991651	146	5
9991859	4	43
9991890	121	18
9991891	121	20
9991892	121	19
9991893	121	17
9991896	118	1
9991942	44	9
9991946	94	3
9995707	116	13
9995925	21	25
9996344	183	12
9997840	76	9
9998045	227	7
9998696	4	44

REFERENCE NO.	FIG. NO.	ITEM NO.
9998986	96	12

By Order of the Secretary of the Army:

**BERNARD W. ROGERS**  
*General, United States Army*  
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*Brigadier General, United States Army*  
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TM 9-1430-560-20P-3

DATE

22 Feb 74

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PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.
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4-5

1

Item 5 is listed as a Screw but should be listed as a Knob.

In bubble J, callout 8 is depicted as a Washer and in bubble G, callout 8 is depicted as a Terminal Board. Recommend that bubble J callout 8 be changed to callout 2.

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Your comments will go directly to the cataloger responsible for this manual, and he will prepare the reply that is returned to you. To help him in his evaluation of your recommendations, please explain the reason for each of your recommendations, unless the reason is obvious.

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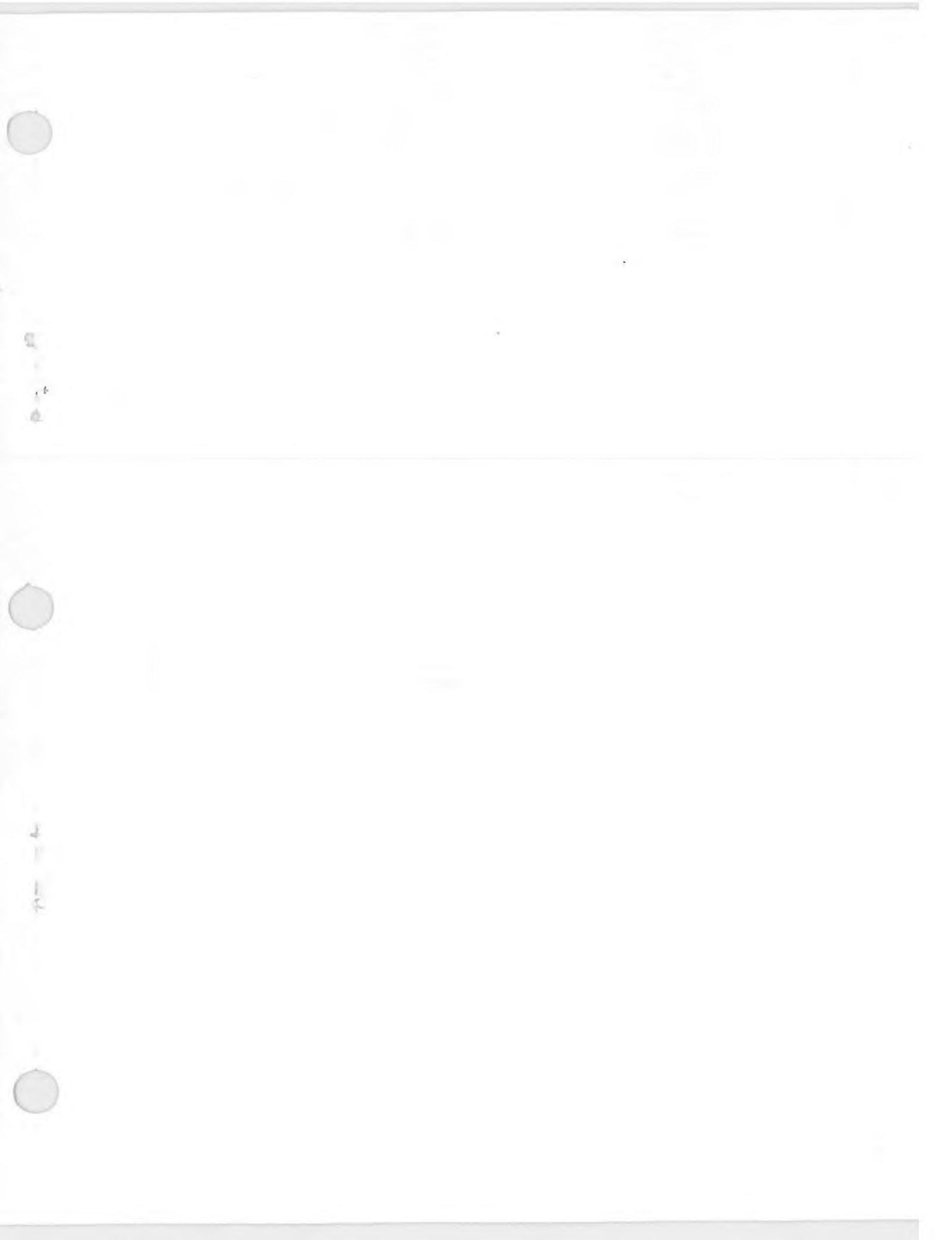
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